

SEQUENCE LISTING

<110> Williams, Lewis T.
Escobedo, Jaime
Innis, Michael A.
Garcia, Pablo Dominiguez
Sudduth-Klinger, Julie
Reinhard, Christoph
Giese, Klaus
Randazzo, Filippo
Kennedy, Giulia C.
Pot, David
Kassam, Altaf
Lamson, George
Drmanac, Radoje
Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
Labat, Ivan
Leshkowitz, Dena
Kita, David
Garcia, Veronica
Jones, Lee William
Stache-Crain, Birgit

<120> Human Genes and Gene Products

<130> 1624.002

<150> 60/188,609

<151> 2000-03-09

<160> 2396

<170> FastSEQ for Windows Version 4.0

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<212> DNA

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<223> n = A,T,C or G

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tgagtctctca	cagacagtgg	ctttgagaaa	cctgctcttg	gtgtccccac	atgacctcat	180
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ggcagtacaa	agtacatagt	atcacctagg	aactagtctt	gccaaaagca	gaggggggca	300
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 gtaaatttat gcttaactat ccagcaacat ggtaatgggt atgtggccct taggttttta 180
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 gttaatagct acttagttgg gtattaaaga aag 273

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 ggtggcacat gcctgtaata ccacttacta tgcagtggga ggctggataa tcaactgaac 180
 ctgggaggcg aaggttgtgg tgagccgaga tgcaccatt gcaactccagc ctgggcaaca 240
 agagcgaaac tacgtctcat aaaaaaaaaa aaaaaaaca tggggggccc ttttttgggt 300
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 caactaaggc catctcttcc ttgccattaa ctctctgaac gcctgtaatc ccagcacttt 180
 gggaggccga ggcgggcccga tcacgaggtc aggagatcga gaccatcccg gctaaaacgg 240
 tgaaaccctg tctctactaa aaatacaaaa aactagccgg gcgtagtggc gggcgccctgt 300
 agtcccagct acttgggagg ctgagggcagg agaatggcgt gaat 344

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 tccatttttag agccagcaag ccaatcacat ttcaaggcct ctggtccctt tttgtgaaat 180
 aaatctctat acagggcacg gtttccacc cctctccagc tccatagcag tccatagcac 240
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 aggataaggc tactgatttg atactaaatg aatcagcagt ggatgtaggg atagctgatt 180
 ttaaaacact cggctgggca cagtggctca cacctgtaat ccagcactt tgggaggctg 240
 aggcaggcag atcatgatgt caggagtttg agaccagcct ggccaatat gtgaaaccct 300
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 gtcttactgt gttagccagg atgttcttga tctcctgacc tcgtgatcca cccgcctcag 180
 cctcccaaag tggtgggatt acaggcgtga gccaccgcgc cgggccgagc agataggtta 240
 tcaaagagct gagcaaagat tgtagcagtc tcacagtact agggagataa aggtaggaat 300
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 tnaccatatt ggccaggctg atcttgaact cctgtcctcg ggtgaactat ctggcatggt 180
 ctagtattgt gacgtgcaca catacttctt tttgtatgaa ttcttcagca gaaatggggg 240
 tacttgggct gtgcgcccc cgctcctctt tataatgtct tgtatttaga aggaaggggc 300
 tgcgttggcc tcttcgaaat gtgcgggta taaattcgct gaggagtgc tgtgaccacc 360
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<210> 9
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 <212> DNA
 <213> Homo sapiens

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 aggaaaggag aagagaagga ggaggagaaa agaaaggagt ggagaaagag gagaggagga 120
 gaaaaaatag gaaacgaaga ggagaagaat aggaggagga aaaggatggg agaaaagaaa 180
 aaggaaaaagt aggaggagta gaaaaagagg agaaggagga agaagaaaga gaaggaggag 240
 acgaaaagaa tgagaaaaag aggagaggag aatgaggaga aggcgtataa gataagaacg 300
 aggagaggat taagaaggag aagtagagga ggaggagaga agaggaaagg aggaggaaag 360
 gagaatacaa ggaggaagag aa 382

<210> 10
 <211> 326
 <212> DNA

<213> Homo sapiens

<400> 10

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tcagaaaaaa	acgagacaga	aggctataag	catgagtgtg	ggcaggggtgc	tgtggttcac	180
ttctgtaatc	ccagcacttt	gggaggccaa	ggtaggagaa	tcccttgaag	ccaggaattc	240
aagaccaccc	tgggcaatat	agcaaaacca	tgattctaca	aaaaattaaa	aagttatctg	300
agtgtggtgg	cacacacctg	tagtcc				326

<210> 11

<211> 286

<212> DNA

<213> Homo sapiens

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<223> n = A,T,C or G

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gacgagtgtg	atacctacaa	gcttatnact	tgggaggctt	gctcttgtag	tatcgcttgt	180
atcttttggg	ggttgtagac	tatatgttct	ctgttttcc	tttttctctt	tcttttttta	240
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<210> 12

<211> 325

<212> DNA

<213> Homo sapiens

<400> 12

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gaacgggagg	agatttgcta	taggaaagtc	ctaaaaataa	ggaaaagtga	tgagccctaa	180
taaaacaagta	gtgtttttga	ctcagcattg	aaaaaaatga	atgagctatg	accaggagat	240
ctaagtttct	tttggtggct	aacatgcaca	aaagttatct	gttcaataag	ggtagtattg	300
atggtccata	tctcatatta	actag				325

<210> 13

<211> 320

<212> DNA

<213> Homo sapiens

<400> 13

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tgattcggct	gccttggcct	cccaaagtgc	tgtgattacc	agcgtgagcc	gccgtgcccg	180
gccactagcg	gcatttaatt	aaagagatct	tggcgccgtc	tctcgtatac	tattgcctct	240
aaccttgccg	gtgacctgc	ctgatcccta	gtctgcttat	tggataaacg	gggatgtcct	300
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<210> 14

<211> 353

<212> DNA

<213> Homo sapiens


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tctactatgg agggagagggc tggataatca cttgaacctg gtaggcgaag gttgtggtga      180
gccgagatcg caccattgca ctccagcctg ggcaacaaga gcgaaactac gtctcacaaa      240
aaaaaaaaaa aaaatctttg gggccgggttt ttaaataaac tgcacatgga agcacacact      300
tgtaggcttg ggcacacccc aaagcttgag cggcgggaaa aaattgtttt ttg              353

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<210> 15
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<212> DNA
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<400> 15
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cagcattctt ggctaagata aatgaggctg ggcacagtag cttatgcctg taatcccagg      180
actttgggag gcctaggtgg gaggatcact tgagcttagg agttctagac tagcctaggc      240
aacatagcaa gaccctaact ctaaaacaat tttttttttt tttttttgga gaagagtttc      300
acttttttgg cccaagctga gagggacgct gccacccgga ggattcctg              349

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<210> 16
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<212> DNA
<213> Homo sapiens

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<223> n = A,T,C or G

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ttttttccaa aggggacttt ttctgaacc ccataaatgt tttatgcttc ttatatggag      180
tttatataat tttgcattgt attggaatca tttaggtaat tgtcttatct tcattgctag      240
agtgtaaact ctttaaggta aagacagtgt tattcagtta attatctccc caaataccta      300
ntatagcatc ttaggcctat ctagtagata ctcaaaaaat atatctccta ataaatgtga      360
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<210> 17
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<212> DNA
<213> Homo sapiens

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<400> 17
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ggattgatag tatagacggg tttttattgt tttttccac atttttcttt ttagtattgc      180
ctatatcttc tcggcatctt gtaccttaata gtgtgcgttt aaaaaattgc ctggcaacat      240
atatacgttt ttttattttt atgacttgaa taaaaaaagg tgggactccc aatttgttct      300
cgacact                                           307

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<210> 18
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<212> DNA

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<213> Homo sapiens

<400> 18

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ctgatgtgtg	agccatgcca	gatagaggga	ttatgatgct	taaactctagt	aggattactg	120
gtggagccgc	ttgaatcg					138

<210> 19

<211> 324

<212> DNA

<213> Homo sapiens

<400> 19

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cagtatttct	acatttttaa	tgaaaaaaa	tgctgatcct	attcattgga	gaaaacaacc	120
cacgaaacaa	ccccccaata	tggtagaata	aatgcctatt	tctaagggtgc	tatagtcttc	180
caatgcacac	cttcagggttc	agacttagac	aagacaaaaa	tatacttttag	ttctaatacac	240
cctcctaaag	acaccacggc	agagtgcact	cccaacctct	accatacata	gcggaaaggc	300
acacactact	actgtgagct	gaaa				324

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<211> 280

<212> DNA

<213> Homo sapiens

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<221> misc_feature

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cacgaaacaa	ccccccaata	tggtataata	aatgcctatt	tctaagggtgc	tataaggctt	180
ccaatgcaca	cccttcaggt	tcagacttag	acaagaccan	aatatacttt	agtttctaate	240
accctcctaa	agacaccacg	gcagagtgc	ctcccaacct			280

<210> 21

<211> 317

<212> DNA

<213> Homo sapiens

<400> 21

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ctcaggcatc	agtgtatttc	aaagctcacc	atgtgattcc	aaggatgtg	catatttgag	180
agcctttgcc	ttaaaagaag	gagcaggtga	ctcatactag	caagatagt	aacagatcac	240
caggccagcc	ttgtgggtag	aaataatcgt	gacactctga	cactgttctc	tactaagtta	300
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<212> DNA

<213> Homo sapiens

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 agggccctgg cctacaaaag gggtcagttg gtattagtca atttcaaagg cctacattnt 180
 ccttgtctat aaaattaggg gctcagacag atgattttga ggtttctctt g 231

<210> 23
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 23
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 agccttagac agatctctgg actgtaatct gggaaagggtc aaataagatc tccaatcgtg 300
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 atcaacacca tgaaggaagt tggt 384

<210> 24
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 24
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 tccgaaagtg ctgggattac aggcattgagc caccatgccc ggccgatgtc tgcattttca 180
 taggtgacca ctgaggctaa aaagcatcac tattccaaat cactattcca aaggcattaa 240
 ctctgatggg tgacatctca ggcacttaga cacttgtaat ttattcatca aacatgcctg 300
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<210> 25
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 25
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 tattgtctct cccttgact tattogctg 149

<210> 26
 <211> 379
 <212> DNA
 <213> Homo sapiens

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 gcggagcttg cagtgagccg agattgcgcc actgcactcc agcctgggtg acagagcaag 180
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 acaaaaccca aaaaacccaa agtaacggag gtggccgagg gagctgggga taggggagga 300

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<210> 27
 <211> 388
 <212> DNA
 <213> Homo sapiens

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actccagtct	gggcaacaga	gcgagactcc	atctcagaaa	aaaagaaaaa	aagactgggt	300
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ggacttaag	atcactagt	tctaaatt				388

<210> 28
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 28						
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gggggttggc	caacccccct	tttaatgggc	gggaaaaaaa	gggtttttt	ggaaaattg	180
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 <223> n = A,T,C or G

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ggggggtttg	gaccaccccc	cccttaaagg	gcggggaaaa	aagggttttt	ttgggaaaat	180
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<210> 30
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 30						
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aatggaagg	ggccaaaaaa	acctgtttta	attcccaccc	tttgtttagg	gggccctttt	180
tttgtttttg	ccctgattaa	agtttaaccc	caacggccaa	atcctcttat	acctagacat	240
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 cttggaatgc cgcagaaccg ggcttcatta gagcactggt gcatactctt aaaaattatc 180
 tcggtaccgg ttctgtatttt atttagtgga tttaatcgtc tgggaaggag gttctagccg 240
 cagccaatct tacagacgcg cagaatatta atctattttg tgccgactta aggcacgcat 300
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<400> 32
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 cccagatggt gaagttgcag tgagccaaga tggtgccact gcactccagc ctggttgaca 180
 gagtgagacc ctgtctcaaa aaaacaaacc aaaagaaaag agagagagag agagaagtta 240
 agaacctgaa tattctaaga aagaggttct gagagtagaa attcagctga acccatatct 300
 tcacaggaag tgagccaaga aggggaaaaa a 331

<210> 33
 <211> 377
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 <213> Homo sapiens

<400> 33
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 gatgcatcg accaatttaa gctccgtctg acacatgac aatagcccgt gatgctgcat 180
 ggaattgcag gcacagcgtc caaacctgca gagcagtggc tcccagctgt ggcaactttg 240
 cccccagag gacattttggc aatgtctgga tatgtttgca attgtcaca ctaggagagg 300
 gggatgctat tggcatcttg cgagtgaggc caaggatgct gctaaacctc ccatgatgca 360
 caggagaagt cccacc 377

<210> 34
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 34
 ggaaaataac tcggattgca ggaagaatcc aggtccctgt ggctacagga ctgaggccct 60
 gtttccttcc tggcagggga ccaactcttag ccctagagt ccttgcatct aggggccagc 120
 aaatccttct cactcttggg acctctctaa catcctcctt caccacatag ctctcatttc 180
 ttgccagaga atgctctctg cttttcagga ctacagataat ttagccttcc caggtaatcc 240
 aggataatca atctactttg agatccatac cctttaatca catctgcaaa gacccttttg 300
 ccatgtaaca tgacatgac acagggtgtta gggattagag tgtggctatc tggggaaa 358

<210> 35
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 35
 gtccattctc ctcccttccc caataacaga accccagttt tgctgcagaa ggcaatgtgc 60
 ccagctaaaag ggcaacattt ccagcctccc tggcatatat ggtatgactg tgtggctgaa 120
 ttctaggata ttagatataa acagaagggtg ctggaaggta tctccaagaa tgccccttga 180
 atagaagcag tattgatgaa ggccattttt gtcctctctg cttcagcctg cattcagcct 240
 tggatgcata tgtgatagct ggaacgccag cagcc 275

<210> 36
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 36
 atgccagtag tatttttgtt tttttcactg agtctattgt gtctagaaaa gtgcttatca 60
 cattgtagat tctcaatgaa ctacttattg aatgaacagt cctatgaacc aggtatctcc 120
 cttggccaga ttttacctaa tgaagattct gcagcagtga gaacttgcct agagtcacat 180
 cgtcaaaggt ggagctagaa tctgtaagca acctgggtct ctactcttta ccactgctgc 240
 atggtactgc atggtgcttc tcatattatgt ggtgaaattt caaagtacta ttttttatgg 300
 ttcccttact agacaggtcc ctgcgagcag gggataactaa ctttatctct ggtccctgac 360
 tg 362

<210> 37
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 37
 ggcacgagcc acacctggcc ttctccatgc tcggaataac ttctgcagc gaccaacagg 60
 ctaaagaggg ggaagggtctg gaggttggaa agaggactgg aatctgattg gggttccaac 120
 aaatctgtaa caccgctggg aacgactggg tccccttttag gtccttttag acagcgtttg 180
 aaatcttgct tccccctgca gggatccagc accggtcct cctccggcaa ccacggtggg 240
 agcggcggag gaaatggaca taaaccggg tgtgaaaagc cagggaatga agcccgcggg 300
 agcggngaatt ctgggattca gggcttcaga ggacagggag tttccagcaa catgagggaa 360
 ataagcaaaag agggcaatcg cctccttggg ggctctggag acaattatcg 410

<210> 38
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 38

ggaatgtgga	cacacatatc	agaactttca	tgcttacttt	ctcaggatgc	ttgtgatctc	60
aaagtttaga	caggagtga	tttcaaaggc	caaattggaaa	attagcaaca	atcccatctt	120
aagggcttat	aaagagtatc	agaatcattc	ttgggggttg	gccggncatg	atggctcatg	180
cctgtaatcc	tggcacttcg	gaaggccaag	gaggggtggg	cacctgatgg	caggagtttg	240
agaccagtct	gggcaacatg	gttataccct	gtgtctactt	gccaaacctt	aatttactta	300
gcgataaagg	gggggtccct	tttag				325

<210> 39
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 39	
cgttgctgtc	ggaaccaatg gatgtcagta ggagtttctg ttaaattgtct ccttgatggg 60
gactcagtac	tgtgtagaga cgtgtgtgtt ctcttctggg ggtgtgcac agaaccactg 120
gggcctttta	aaatctacag atgccggccg ggccgctgg ctcacgcctg gaatcccagc 180
acttgaggag	gctgaggcgg gcggatcaca agcgcaggaa attgagacca tccttgccaa 240
tatgggtgaa	ccccatctct acaaaaaata caaaaattac cgggggtgtg tggcgtgcac 300
acctcccagc	tacttggggag gctgaggcag gagaatcgct tgaacccggg aggcaaagat 360
tgcagtgagc	cgagatcacg ccactgcact ccagcctg 398

<210> 40
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 40	
agacagtgtt	ccaccatggt gccaggctg gtctggaact cctgacctca agtgatctgc 60
ccacctcaac	ctcccaaagt gctgggatta caggcatgag ctgtgacacc catcgtgtct 120
aatttttgac	agataaaatg atttcatgat ccaacatttc cttaccagtg agggattcaa 180
taaaatacca	attctcagag gccctttaca cttctttttt ttttttttct aaagaagatt 240
gtttattacc	cacgagataa ttttgaaaag ccatactttt ttttctgctt gtgacccgaa 300
aaaacgtcca	gtgttctcgc gatttctttc atctctttt 339

<210> 41
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 41	
cgctaggaaa	tgctgccctc aactcagat cagctcatct gctccgggct gtgtctgctc 60
ggcaaactag	acaagggcaa gcgatcccac acctctcaca cagaacttct agaaaagatg 120
ggcctctcca	ggtgcgggtg ctcacactgg taatcccagc atttcagggg gccgaggcag 180
gtggatcatg	tgaggtcagg acttcaagac cagcctgacc aacatggtga aatcccatct 240
ctactaaaaa	tacaaaaata aataaataaa ataaaaataa gccgggcgca gtggctcacg 300
cctgtaatcc	cagcactttg ggaggctgag gcaggtggat cacaagggtca 350

<210> 42
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 42
 ttgggaggcc gagggcgggtg gattattttga ggtcagtcgt tcgagaccag cctggccaac 60
 atggtgaaac cccgtctcta ctaaaaatac aaagattagc tgggtgtggt gacgtgcctg 120
 taatcccagc tactcgggag gctgaggctg gagaatcgct tgaacccatg agctgagatc 180
 acaccactgc gcttcagcct gggccacaga gcgagactcc gtctcatcaa aaaaaattat 240
 atgacccctg tctataaatg ataagagtga gagagaaagc acccaggggt tcaaatgcct 300
 tatgcctgct gggactaact ttgccatac attgtgctaa atactttcca ttaagtctcc 360

<210> 43
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 43
 gattacaggc gtgcaccacc atgcccagct agtttttcta tttttaatag agatgaggtt 60
 tcaccttggt ggccaggctg gtctcgactc ctgacctcag gtgatccact caccttggcc 120
 tcccaaagtg ctgggattac aggtgtgagc cactgcgccc ggccctactac atacatttct 180
 aannnnnnna nnnnnnnnnn nnnnaaaaag gggggccgtt ttttccttaa acccaaactt 240
 gaaaaaaccc tttggggggg tggccccccc cccctttaa tggcggggaa aaaagggttt 300
 ttttgggaaa attggggcgg ctatgcgttt tttgggcccc cttagagccg gca 353

<210> 44
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 44
 gagaatcgct tgaacccggg aggtggaggt tgcaatgagc caagatcgca ctactgcact 60
 ccagcctcgg tgacacagct acactccgtc tcccctactc gccaaaaaca aaaacaaaaa 120
 aaaagagtgc agagaactgg aggtggcggg aaaagcgctt ggattctcct ttgacatgct 180
 cttccctggc aagatgggat cccttggaag attttaagtg gaaaagtgc acgatttatg 240
 gctgagtgc gcagctcacg cccgtaattc cagcactttg ggaagctgag gcaggcactt 300
 tgggaggctt taggtcagga gttcaagacc a 331

<210> 45
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 45
 attactgata tgggggggtat ggtctagtcg ctgtgctgag catttcatat aactgggctt 60
 tttctatcct cacagcatag cctttgagat aggtatgtgg aactattccc attttacaga 120
 taaggatcct gaggcttaga gagttcaagt gacctacca agggcacatc actgataaag 180
 ggcagagggt ggattcaaac ccacatctgt caggtgcaag tgcaaggctc cttctcctca 240
 tgctcactgc ctgctgggga ataggttact ggggacatac cccagggagc ctttccccat 300
 gttctgagtc ccagntcatc ccagtctgct attttgcctt cccaggag 348

<210> 46
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 46
 gattacaggt gtgagccatc ggccttgccc cctgcaactt atctttctat atttctcatt 60
 tttcacatga aaagggttgg ctattgtatc tgattttatg gaagctgtgc tctgtatttg 120
 tgggttctga aattgtgctt atgatatgac tcattactga ttgtttcaca tcttagagat 180
 gaggttagac tgaaatgtgg accggaagcc tattttttag tttcaattta aaaaataaag 240
 ccaggcgcag tggctcacgc ctgtaatccc agcactttgg gagccaagg caggcggatc 300
 atgaggtcag gagattgaga ccatcctggc taacatggtg aaaccccggc tatactn 357

<210> 47
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 47
 tcctgcctca gcctcctgag tagctgggac tgtaggcgcc caccacctcg ccccgctaatt 60
 tttttgtatt tttagtagag acagggtttc accgtgttag ccaggatggg ctcgatctcc 120
 tgacctcgtg atccgcccgc ctccacctcc caaagtgtg ggattacagg cgtgagctgc 180
 cgcgcccagc cataaaaactt ctacgaactt ctagcagaag taagggaata gtttctaatt 240
 cctgagaaaag tattatgatg acagatccta tattctttat tcactagtat atacttagtg 300
 tacacataat aagtaggtgt tcaagaattt ttttttttcc ttgagatgga gcg 353

<210> 48
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 48
 gtagagatgg ggtctcgcta tgtcgcccag gctggtcttg agtccttggc ctcaagcgat 60
 cctcctgcct tggcctccca aagtgtctggg attacaggca tgagccacaa gcgccggcct 120
 ctctcttctt attgggatac cagtcctctg agactcgaaa ctgtgccccca ggccttggcc 180
 atactgataa atatctagga cctacaggag ttcgtgtcca tgaaccagc acacgcaatt 240
 cctcagcctt aaaatctagt cactgactca tttcaggccc cagcacagac gaaaacaagc 300
 cattctgttt gccagatta cattgcgggt ctccaagaag tggaatgttc accaat 356

<210> 49
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 49
 gaggggagct aaaagggaat ggaggggaga ccagcaggag ctctgtctgc ccgattctgg 60
 tttgggctgt gagacagtca ttgcattttt ttgcacagtt ctggccacac agtattttaag 120
 aggctttgcc tacagacctg agtgactgtg tgaatggtgg cactggtgca tacggggacg 180
 cctgaggagg aacagatttg agacttgtcc acctaggact ccctgtggga ttgccagtat 240
 caccctctt cgtcattaat tcccagcttg cctgggggag gccagggggt agcatggggg 300
 tcgggttccc ctatggttca aacaccaacc catctgctct gg 342

<210> 50
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(305)
 <223> n = A,T,C or G

<400> 50
 gcaattgggc atagaacctt ccaactgagc agcgaaggta tcaggatgca gtgtataatt 60
 taagacatca aataaagctg acaagcaaag acaataatgg agacttgggg ttaaattagc 120
 tgactggagt cagaaacact gggatctgca taaaaagtaa acattaaaca ttgggatgca 180
 gtccaggcat ggtggctcga ccctgtaatc ccagcacttt ggaaggccga ggtgggtgga 240
 tcatttgacg tcaggagtgc aagaccagcc tggccaacac ggtgaaaccc catctctact 300
 aaaaan 305

<210> 51
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 51
 gttataggcc ttttgctttt cttagcatat ggggggaggt ggaattacta tcgtagtcac 60
 aaatgaccaa aacaggactt occaatatct atttatttta gcccgggtgc cgcggctctt 120
 gccg 124

<210> 52
 <211> 218
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 52
 gcaccaatgt gaagaaccac aaacattggg tctgggagaa ggcttctgag gtggcttcca 60
 cagtccatgc aagggacaca gagaagaaca aggtccacag caagtaggat ggcattgtaa 120
 aaaacaaaaa gaagaaaata aaaaangggg gccccgaaaa aaaaaaaaaa ggggtccggt 180
 tggaaaaaaa aaacaaaggg gtccggttgc aaaaaaaa 218

<210> 53
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 53
 agtgcagggg aatggaatgg aatggaatga aatggaatgg aatcttccgg aatggaatgg 60
 aatggaatgg aatggaatgg aatggaatgg aatgcaatgg attcaactcg attgcaatgg 120
 aatggaatag aatggaatgg aatggaatgg aatggaatta accagaatag aatggaatgt 180
 aatggaatgg aacggaacgg aacggagcgg aacggaatgt aatggaatgg aatggaaagg 240
 aatgcaatcc acgtctattg catttctttt gtatgggaat ggccactaac ccctgttcgg 300
 aatggatatg gtaatggatt cggaaccgga gggggaacac ccaccccgta ttgattatat 360
 gatagttaat ttg 373

<210> 54
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 54
 cgttgctgtc ggggagattg agaccacggt gaaaccccggt ctctactaaa aatacaaaaa 60
 attagccagg catggtggcg ggcgcctgta gtcccagcta ctcanagagg ctgaggcagg 120
 agaatggcat gaacctggga ggtggagctt gcagtgagcc gagatcgcg cactgcattc 180
 cagcctgggc gacagggaga ctctgtctca aaaaaaaaaa aaagggttaa ataaataaaa 240
 cccggggggtt taaaggggaa ctttaacctt tgggtttttc gggaaacca tcagggggag 300
 ggggggttg ctttgtggga ggatgggccc caggtttcct aaaggcctgg aaataatttt 360
 ttagggataa aggcttccat caagagactt ttggg 395

<210> 55
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 55
 ccagggttca agtgattctc ctgcctcagc cttccaagta gctgggatta caggtgtgca 60
 ccaccacgcc tggctaattc catgcctggc tctcttactg taaatgagaa taagaaagaa 120
 tatactctgc tcaaagtctt agtataatag catgtctcaa aatagaaaat tgggcagagt 180
 gttcataggg tttcagagac tcagctggat gttaaaatca cccagggtct aggctgggtg 240
 caatggctca tgctgtaat cccagcactt tgggaggccg aggcgggtgg atcacaaggg 300
 cag 303

<210> 56
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 56
 cgggatgcta gatgactcca tcagccaata tgtagcatt atctagaggc cttatgtgaa 60
 gtcctagtgg tcctttccag ttctatgact ttaaaccatac aggtgaatca gagcttcagg 120
 aaggcctaga ccaacagcta ttactgaagc tcccatttgt gcttaggact atgcatagag 180
 aaactctcct ttgggacttg gttagggtcc aaagccctaa ggtcaaaaca ctaatt 236

<210> 57
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 57
 gggatatgcat ccatttcccc tctccccaga ctggacgctc ttaaagggca acacttatac 60
 ctcatattagc cttgtattcc ctgcacaggg taagcattag gtaactgctt gctgaattac 120
 ttacttttga ttagagaaga gcgaagatat agcacataaa agttactgaa cagtacagtg 180
 tcaaactcag atcttagata aaatggttgt gtaacactgc tgtgctaatt agtccattct 240
 gacccaaagt caagaacagg agaatatgct tgtccatagg tatgctcagg aacttctcag 300
 ggagtaaacc aatcagc 317

<210> 58
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 58
 gattacaggc gtgcaccacc atgccagct agtttttgta tttttaatag agatgagggt 60
 tcaccttggt ggccaggctg gtctcgact ctgaccttag gtgatccact caccttggcc 120
 tcccaaagtg ctgggattac aggggtgagc cactgcgccc ggccactac atacatttct 180
 aatgaaaaga aaaaaaaaaat taattaagag ggggggcttt ttttctggag acccgcatgg 240
 gaaaaaagct tttggggggg ttggcccacc cccatttaaa tgggggggaa aaaatggctt 300
 ttttgggaaa tttgg 315

<210> 59
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 59
 ggcacgaggg gagtcccaag accctttcag ggaggatctg tgaggccaac tgttggcact 60
 gtggcatgaa tcaaggtggt ggcagcaaac ttctagtagt tttgatatgt ccttgataga 120
 acaaatagca atggttaact attaaatggt gacctagcca gcgcagtggc tcatgcctgt 180
 aatcccagca ctttgggagg ctgaggcggg cggatcacct gaggtcgga gttcgaggcc 240
 agcctgacca acatggagaa accccgtctc ttctaaaaat acaaaattag ctgggcatgg 300
 tgggtgcatgc ctgtaattcc agctactcgg gaggtcgagg caagagaatc gcttgaatcc 360
 ggtaggtgga gggtgcagtg agccgagatc ataccattgc actccagccc aggcac 416

<210> 60
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 60
 atccaccgcg ctcagcctcc caaagtgctg ggattacagg cttgagccac tgcgcctggc 60
 cgccacaggc ccactcttaa aaagataatg cataatataa gattttgctt ttcttttctt 120
 ttgtttcttt ctgctctgac aggtaacttt gattgtcatt gacagtttta agaattcagt 180
 accaaccact gaaagggtat gaatattcct gcttaaagaa agttaaaaaag accaggtgta 240
 gtggctcacg cctgtaattc cagt 264

<210> 61
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 61
 gttgctgtcg acatgatgta ataagaattc atttctgaca tattttacat ttctggcaat 60
 ctcaactctt atttgaata cttctgtgca tttgtctgtc caccgtaatt ttagaaaagc 120
 atatccataa cgtttacagt tgtagtacag ttgtggtagt ttattttagt tgggattgaa 180
 agtaattttt ttctttttat atttctatat ttagtgtgtt tttttgttgt tgttgctttt 240
 tgagatggag tctcgctttg ttgcccagac tggaggcgag tggcgcgatc tgggctcact 300
 gcaacctctg cctcccgggt tcaagcagtt ctgcctcagc ctcccaagta gctgtgacta 360
 aaggtgcacg ccgccatgcc cagctaattt tttgtatttt agtagag 407

<210> 62
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 62
 ggtgctgctg cagatcaggg atcgcgattg cgaatcctcc gctgaggtga tttggatata 60
 cctagaacgt tgagggcacc agtcgggtcc tgagaccagg tcctcagcca gcagagccac 120
 gttccttatg agcacogtgg gtttatattca ttttcct 157

<210> 63
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 63
 cgttgctgtc ggcagtttgc agctgcggcg gggtcgggtc caccgcgggt ccccggaatg 60
 ccggacggct gatcccggtt gctggctact cgccgattcg gggctgggaa ggtttgccag 120
 aagcgggaaa gatgggagat ctgagcgctc tcttggcatc gccacacca ggacttgctc 180
 gtgccgcaat tccccacgga aacaaccgag ttgaaacgag aagcttgctc tctgggtgca 240
 gtagctagaa ggcttcaggt aactccaaag ccaacactgg gtgaggcaac acacgccgcc 300
 tcaggactca gcatttcttt caggctgcgt tttcgtggca gacctacca gattgatgga 360
 gaaagtttgg ctggcggata agaagtaacg cggaagatgt attattgtg 409

<210> 64
 <211> 320
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

<400> 64
 cggctctttac cttgtttgcac aataacccat aaagtgggga agtggagctt gtatcagtgt 60
 gactacgtca ggcccaggta tcaggggggc caagtgggc tgctccccac agagggcata 120
 tttctctaata tgcaaatagg tatgctacag gccagtagga aaccattcat ctctggtttc 180
 ccagtctagc cctggcacgc tggtgacctt cagttaatga tacctcgtgt gtgtgtgtgt 240
 gtgtgtgtgt gtgtgtgtgt gtgtgtgnnt atttatatttt tttgggtttt tttgatttga 300
 tgagggagtg ggttttggag 320

<210> 65
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 65
 gacggggctt caccatgttg gtcagtctgg tctcgaactc ctgacctcgt gatccaccgc 60
 cctcggccta agaaagtgtt gggattacag gcgtgagcca ccggccgctg atggattatt 120
 ttcctgaggg cagattttca cgccagaagc cccgacaatt atacctgagc tggttccacc 180
 taagctcaat cctccttccc tgccccaagg gggtgaaaaa atctgggccc aggaggtctt 240
 ccttgtgtctc tggggggagg catttaaggg tccaaggaag acgtgacg 288

<210> 66
 <211> 221

<212> DNA
<213> Homo sapiens

<400> 66
caatgtttcc catgaaggaa tcgaggtccc aagagtagtt caggtaaggga attaataagc 60
atcacaggag gcatgtccag gctggcttgt cccagggcc tctgccttca gccaccattc 120
tcagaagatc caaaaatgcc aaggggaaag aagccggatg ctttttcacc ttaagtgaag 180
agtcagaatt ggaattaccc tttctgaagg cctgctttgc a 221

<210> 67
<211> 202
<212> DNA
<213> Homo sapiens

<400> 67
ttggatcggg ctgcgataag acgacaggag gggattgtgg gtgagattct ctcccaggcc 60
acaagacatt tctgtctcgg aacctgtttt actaatttcc actgctttta aggccctgca 120
ctgaaaatgc aagctcaggc gccggtgggc gttgtgaccc atcctggagt cggccccggg 180
ccggccccc agaactccat ct 202

<210> 68
<211> 324
<212> DNA
<213> Homo sapiens

<400> 68
cggaggggtcg gtattgattg atatatggaa atgtaggcac aggtttccag gaaccacat 60
ctttatatcc cctaagagca tgcgattcac aattcacaga tacagtgtt gaggcgagtt 120
tatagaacat aactattgga tataccatga cctaaaggca ttcctttcta aatggaaatc 180
gaaacacaga gcctgacaat ttaaggcaca cttaaattccc ctttcttgta ctttataagt 240
aacgacggat gaggaatta tatacagtgt aaaacggggg ttggcattgg gctaccactg 300
ctaattgggta catgacttgt gtgg 324

<210> 69
<211> 270
<212> DNA
<213> Homo sapiens

<400> 69
aattcaatct atctgcttga tttgggacat ccagtgtctt tgctctgcga cattggagct 60
ccttgttctt aagcctttaa actcaggcag ggattttcac tatcagatct cctacttcct 120
gtttttggac cttggtactc agactggagc ttataccatt ggctttcttg cttcccaggcc 180
ttcaggcttg aactagaact atactgcttg cttccctggg cctccagttt gcagatggca 240
atttatagaa cttctcagcc ttcataatca 270

<210> 70
<211> 314
<212> DNA
<213> Homo sapiens

<400> 70
gtcgtacggg ttataacttca ccggacgact cctctccccc actcctttgt gagtctggtc 60
tcttgccagt ttcttaccct gagtggagct aagcagataa ctctgtggtta ttccaagata 120
gcatctgagt ggagccactt caggactaga gggatgcgtc ctggatcttt ggtctgtctc 180
atgccttgca ccaagcttga ggggtgacgta tcatgacctt gctggagtga ttgaacttga 240
tctattgaga cgccattcag gatccctaga aacaagcacg gtagactgct actgtgaggc 300
aggtgtttca acgt 314

<210> 71
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 71
 cctgtaatct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag 60
 aggttgacgt gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta 120
 tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggtctttgat gctgcacttt 180
 cctcttctga aacatcaagt gcttttaaaag agggatgggt ctgactgcct gggtctgagg 240
 catgaacgac actggttaggt gagagcaaga tggtagagag gagttcaaat t 291

<210> 72
 <211> 312
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 72
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 ttcattcatgt tggccaggat ggtctcaatc tcttgacctc gtgattcacc caccttggcc 120
 tcccaaagtg ctggaattac aggtgtgagc cactgcaccc ggcctttntt tttttttttt 180
 ttttttttgg gaaaaggggg gcctcatttg ggtccccacg atatcccaaa acccgggggg 240
 aaaagaacac cctttatttg ggcccccagg ggggggaaat tgtggagggg ggccccacgc 300
 ccttctcggg ag 312

<210> 73
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 73
 ggcaccagca aagaggaaaac agacagtttg attgcatgtc ctgagtgcaa tgctgaatac 60
 ctaatagttt ttccaaaatt ggggtccagtg gtttacgtct tggatcttgc agatagactg 120
 atctcaaaag cctgtccatt tgctgcagca ggaataatga tcggctctat ctattggaca 180
 gctgtgactt atggagcagc gacagtgatg caagctgtac gtcataaaga acgactggat 240
 gttatggaca gagctgatcc tttattcctt ttaattggac ttctactat tcctgtcatg 300
 ctgatattag gcaagatgat tcgctgggag gactatgtgc ttatactgtg gcgcaaatac 360
 tcgaataaac taccaatttt aaatagtata t 391

<210> 74
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 74
 ggccgcctc catggcgagc gtttacctat gtgactaacc tgtgcgttct gctcatgccc 60
 gccatctttt tgaaagaaaa aaacataagg gaggtggggg ggcctttttt ctggaattgt 120
 ccagcgcaac atacctctgg ggggggttttgc tccaccccc cttttttttt ttttttccac 180
 cgtttttttt ttgaaaatag gggaacaagt tttggggggg ggctcccttt tgggcccgcg 240
 ttgcgggggt cccttttctc ctgggtgtcc gctcg 275

<210> 75
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 75
 atgttggtcca ggctgacctc gtgatccacc cacctcggcc tcccgaattg ctgggattac 60
 aggtgtgagc caccgcgccc agactaagtc ccatctttat gtccgcttgg ctgttccacg 120
 gccacctgga ggggaggtag gtccagcgat gtgggaccct aggatttcag ggtagaaaat 180
 ttgccgcact acagttacaa aattattcca aggtttatgt tcttcggggg attgctatac 240
 tcacctgtta tgcactggtg gcaagttttg ttttttcta ataattaagg ggtgataatt 300
 tttttcttaa gcataggggg cg 322

<210> 76
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 76
 gagagagagg agaagtgagg aggcacaggcc agaaggtgct catggatccc acagtgtagg 60
 gcctggaggc ctctgtaaag ccatgaaggg tgggtgacca caacagtgca tgctctcaaa 120
 agaccactct gctggttaga tggtagtcaa gagacaggtc accatgaccg tgagagaatg 180
 gagaagtcca gatgtatttg aagaaagctc agatctgcaa atgaaccgag gccgtgcacg 240
 gaggctcacg cctataatct taacactttg ggaggccgaa gcaggaggat cacttgaggt 300
 cacgaatttg agaccagcc 319

<210> 77
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 77
 caatggcatg atgtcggctc accacaacct ctacctcccg gggtcaagtg attctcttgc 60
 ctacagctcc cgaacaactg ggattacagg catgcgtcac cacaccggc taattttgta 120
 tttttagtag aaatggagtt tctccatgtt ggtcaggctg gtctcaaact cccgaactca 180
 ggtgatcccc ctgcctcaac ctcccaaagt gctgggatta cagggtgtgag ccatggcgcc 240
 cagcccttc ggattctttc tataagcaaa ttgtgccttg gacatatgct ttgaatgctt 300
 tgagagaacc tctcttcata agtggaata aaatcatgat ttaattgtat cacacgcatt 360
 atggataatc tatggg 376

<210> 78
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 78
 tacggctgcc agaagacaac agaaggggta tcttcatcat aggcacaagc ccacagatgt 60
 ggaacagtaa agttcacatt ctctttatat agtacaaata ctcttcatta atatagcagg 120
 cccataaaga tagtggaat tgggcaatat atgctttact tgtaggcat tgatagatct 180
 ctttaaata atagtatttt ctaccaaaca ccaaagacag aaacaaaact cgtcaggctg 240
 agttgagctc ataccttgaa ttgctcctct gtgttcttcc ttatcaatgg agatcctcgt 300
 aagttgagag attctgtcag gaggtatttc atgtgggaat cccctgggct actgggtcac 360
 agcagtaact cagcga 376

<210> 79
 <211> 339
 <212> DNA

<213> Homo sapiens

<400> 79

cccagctact	caggaggctg	aggcaggaga	gtggcgtgaa	cgcgaggaggc	agagcttgca	60
gtgagccaag	attgcgccac	tgcactccag	cctgggcgac	agagcaagac	tccatctcaa	120
aaaaaaaaaa	aaaaaaaaac	cccttttaaaa	aatttcacaaa	acccatggga	ggctttttata	180
agggcgggcc	cctgaaaaaa	aaaaatttgg	ggcgctgaag	gtggggcttt	tgaaacaccc	240
caagccaaaa	aaatttttaa	aaggggtttt	tttaaaaaag	aaaaaggccc	ggccccgggg	300
tttttggtt	gtatccccc	ctttggagg	gccgggggg			339

<210> 80

<211> 366

<212> DNA

<213> Homo sapiens

<400> 80

gaaatctcgc	agagcctgat	ggtatttggg	tagcatatac	ccaccagagg	aacaggcttt	60
tatctagcat	accacaggtc	tcccccttag	cacatctgtg	ctcattttga	aactgtatag	120
ggaaggacat	tagatggctg	ggagaactct	gaaggacaga	cctggatctc	ctgccatctt	180
ccaaaggtga	aacaacaaaa	atccgccagg	ctttcagtc	gaagcccga	agggccactc	240
ccaaggaaca	gaggcaagag	cagaagtaga	tggagtctta	ctgaaactga	aaccagctc	300
aattccta	aggggtgaaga	tatgagtacc	tcaatgcagt	ctgcttatca	gaaaggcata	360
tcatat						366

<210> 81

<211> 347

<212> DNA

<213> Homo sapiens

<400> 81

aatgattagc	acagagaata	cgttttgtct	caaataattcc	caccaaata	tacctccatg	60
gcaatcgagg	aaaggagag	ggtggtaaat	gtcaacccat	gagaaaggaa	gggtctggag	120
gcacaaatca	aaggggacct	aagtaggcag	gaagtatcac	tgaaaacctt	caaaatcttg	180
cattatacga	cagcattaat	ttggccattt	aaaatgtaaa	aatgggccag	gcgcagtgac	240
tcacgcctgt	aatcccagca	ctttgggagg	gtgaggtggg	cagatcactt	gaggtcagga	300
gttcagagacc	agcctggccg	acatggtgaa	actccatctc	tactaat		347

<210> 82

<211> 167

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(167)

<223> n = A,T,C or G

<400> 82

ggagaattat	ttnaaaataa	aaaaaaaaata	ggggggggcg	gttttttcgg	aaaccccaac	60
ctggaaaaaa	cccttggggg	ggtggggcca	ccccccctt	gaagggcggg	gaaaaaagg	120
cttttttttg	aaaattgggg	ggcttttggt	tttttttgaa	cccttag		167

<210> 83

<211> 303

<212> DNA

<213> Homo sapiens

<400> 83
cctgtaatct cagctacttg ggaggctgag gcaggagaat cgcttgaatc caggaggcag 60
aggttgcagt gagccatgat tgcgccactg cactccagcc tgggtgacag cgagactcta 120
tctcaaaaaa aaaacagatt tctctcctat gagagtttct ggactttgat gctgcacttt 180
cctcttctga aacatcaagg gcttttaaag agggatgggt ctgactgcct ggttctgagg 240
catgaacgac actggtaggt gagagcaaga tggtagacag gaggttcaat ttgggtccac 300
cat 303

<210> 84
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 84
tgatatcanc ctgcgactgc aagattctta ctgcagtaca gaactctttt tctcccttgc 60
actttttttt gacctggcat ctttttatag ggaaaaacgg cctttgtcgg cagtggcaaa 120
cttgcaagga aagctgccga ctctttggca ggctgatata gacctgcac tctggcan 178

<210> 85
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 85
actgcgcgcg gcctagctgg aaactttcct gccagctata tcagtcatat ttctcagcct 60
cactagcagc aggatgtggc catgtttctg gctaattgga tgtaaacgga tatgttcagt 120
gggacttctt agaagcttcc ttaaaggga gcagacaggc cagaggaggt gcctcatgac 180
tagaatccca gcactttggg aggctgagct gggaggatca cttgaggcca ggagtttgag 240
accagcctgg gcaacatagt aagacaccat ctttataaaa tataaatttt ttcttttttt 300
ttttttgaaa aaaagnttgg ttttgcccc cagcttgaaa ggcagggggc caatttaacc 360
taattgggag ccccccttcc g 381

<210> 86
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 86
cgttgctgtc ggaagaattc gcgccgcagg aaacnacctt tttttttttt tcttttttgt 60
tttttttttt tttttttttt tttttttttt tttttttttt cttccccccc cccggggggt 120
ctctcttttg gaaaaaaaca acgggagggg ggggggggaaa aacccccccc cccggggtat 180
caaaaagggt gaacctttct cgggcgcgcg gggggggggaa aaaaccccc cggggcccca 240

agaaaccccc	ccccacac	ttttgcgcgc	gggttttcaa	aaaaaaaa	aaaaaacgg	300
gggccgcccc	cccccttaca	taaaaacggg	gggggggtgct	cttcacaaca	ggccccccac	360
gcgcgcgaggt	gcccaaaaa	actccccccc				390

<210> 87
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 87						
ccttcacccg	aggaatgtcc	ccaaggcagg	aggggagaca	tgcctgccat	caatggcatt	60
ctctgcgggg	catggactct	gggggctcta	aggggcttct	gtaggggggg	catgcccctg	120
gagaagtttag	ggcagcttat	ggaagccccg	gagctccagc	ctcacctggc	caaggggacc	180
ccacctctta	cagagcangg	cccagnctcc	ctcattctcc	aaactacaga	gggggaggag	240
caggggaatga	gagcactgaa	ccaatgagga	cagggctggg	gggctggggg	aacctgcctt	300
ccaactgggg	gacataaggc	aagcttcgca	ccatcttctg	agtcaatcct	gaatggaacc	360
C						361

<210> 88
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 88						
gggctcagaa	tggcatgaac	ctgggaggca	gagcttccag	tgatctgaga	tcgtgccact	60
gcactccatc	ctgggtgaca	gagcgagact	ccccatatta	aaagggtggg	aaaaaaaggc	120
gggtgttgtt	gaacccgggg	gccccacttt	ttttaacccc	ccggatgagg	ggggcaatac	180
ccttttttta	cccgccagga	actttttttt	tttgtccaat	cttggggggg	ttgttgtttt	240
ttttaccgca	atcaagctcg	gaaccagggg	cttcacacc	ctggtgccct	ttttatgagg	300
gcg						303

<210> 89
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 89						
gtagatggga	gtacaggcac	acaccaccac	gcctgactaa	tttttgtaga	gacagggttt	60
tgccatgttg	tccaggctga	tcttgaactc	ctgatctcag	gtgatctgcc	cgctcggct	120
tccgaaagtg	ctgggattac	aggcatgagc	caccatgcc	ggccgatgtc	tgcattttca	180
taggtgacca	ctgaggctaa	aaagcatcac	tattccaaat	cactattcca	aaggcattaa	240
ctcctgatgg	tgacatctca	ggcacttaga	cacttgtaat	ttattcatca	aacatgcctg	300
agacagataa	cattttgcta	ggtgctcagt	ctgcaacgat	gtattgaact	tagtcc	356

<210> 90
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 90						
gtgcaaagg	ggagagactg	gattttgacg	acagtaggag	caccttatgt	agtacagaga	60
agaaggcaga	gtatgtggat	acagatgctg	tgtgggtggt	ggatgtggtg	gcggcaattt	120

gcccatggtt	tattatcagg	gtttacattt	tttcaactccc	gcatgaagct	tgagtggtag	180
gacaggggag	gaaatgttga	ggatttgtgg	ggagattttt	gaaacaacca	tcatatatga	240
tggtatgaaa	gagattgcc	cggacctagt	tgagaggtgg	gataaaagcg	cttttgttgg	300
ggacccgcag	ggggggtgga	tattatggtg	gaagg			335

<210> 91
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 91						
attcatggtt	ctccatggca	tctctggtct	tcaacattat	tttgcatagg	gtctcagaag	60
cttagtgtga	gcggatgata	tgggcacgaa	gcaaggcacc	cagaagtggg	ggcaactact	120
ctgctttcta	aaatgcaagg	gaaccggaaa	atccaggagc	cgtgccaaag	tgagtgagta	180
ttttcttggg	ccaccaaaagg	ggtctgaact	ggtgtggctt	gagctcagtt	tttgtggttc	240
agatagattt	gaaaactcac	ttctcccat	taagcactgg	aaggaattag	tcacccttct	300
ttgtggaagt	ggagagattc	tccgagagct	actcaacagg	ctcctttgaa	aggttctcag	360
gaccagcact	gtgctgagt	tgtgtggn				388

<210> 92
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 92						
aggttttagc	ccaccaggca	tctggttggg	gggcccaggt	gaggactatt	gcatgcttct	60
gtggtctgag	ttccctcaga	gtactaaaat	ggatttgtgt	gtatgcaagg	ggaagagagt	120
taggtgggtg	cggacagaag	cagtcttaac	tagaaataca	cttactaggg	ttttcctctt	180
ttttttttta	aaactgtcat	gccgggcacg	ggggctcgtg	cctgtaatcc	cagcactttg	240
ggaggccgag	ggggggggat	cacttgaagg	ttagaagttc	aaaaccagcc	tggcctcctt	300
gataaaacac	cattttttct	aaaaaaaccg	aaaattatgt	gggcgcct		348

<210> 93
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 93						
agcctggcca	acgtagtga	accccatctc	tactaaaaac	acagaattag	ccaggcttgg	60
tggtggcac	ctgtaatccc	agctactggg	gaggctgagg	caagagaatc	acttgaacct	120
aggaggcaga	ggttgcaagt	agcctagatc	gtgccactgc	actccagcct	gggctggaca	180
gagcaagact	ccatctctga	aaaataaaat	aaaataaaat	aaaacagaaa	aacagaatag	240
aagaagatag	ctaagaacca	cagtgggtcaa	gccagcctgg	cttcaacaga	gatgaatgga	300
gagaccacgg	tcagcccat	taacagaaga	actggggcca	gga		343

<210> 94
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 94						
gcagacacct	gatagccagg	caggcaacgc	ctgctagagt	ttctggacca	gtgggtccac	60

ttctgtgtga	actcagctgg	tgggttcagc	cacctgttgt	cctgggaagc	acctggacag	120
tagggcatgc	atctctaccc	aaacctgcca	ctggtagcca	tgaaagccat	gcctgcttag	180
agctgcaagc	ccagcagtc	tgcttctgcc	tgaactctga	aggcaggcac	aaccccatgt	240
ttccctggga	agtacatgga	cagcagatta	cggccaaccc	agcaaggata	aggcttgtct	300
gacaactgca	acccccgccc	aacttcatga	gagaggtcaa	catttaaatt	cagaa	355

<210> 95
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 95						
ggcacgagcc	gacacccgga	agcctagtgt	cctggaggtt	ctgagcggtc	tggtcggacc	60
tcctaccgtt	actctttcat	tcactcaaga	aatgatttct	tgagttcccg	gcctttgtca	120
gagagatgaa	cgaggcacgg	tccgtgtcca	gctaaaggac	agtatgactg	gaagagcggt	180
gttttccaag	gtacaggatg	cgcgcctcc	tatgagccga	agggacggga	ggccgcgtat	240
aggaggggac	cgtccccgag	cctcgccgag	cctgcggtgt	agacacctct	ggtggttagc	300
gcgtgacgat	ctggtgaccg	cgcgtgtcgc	gttccaagga	ccgttcttac	cagaaaatat	360
ctggctgtcg	cgaatacatc	ttgctgggcc	cgccttcgtac	cg		402

<210> 96
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 96						
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tttagccagg	tggcaatcat	gagtgaatgg	atgaagaaag	gccccttaga	atggcaagat	120
tacatttaca	aagaggctcc	agtgcagacc	agtgagaaga	atgagtataa	aggatgggtt	180
ttaaactacag	acccagctct	tgccaatatt	gtccttgtga	acttccttga	agatggcagc	240
atgtctgtga	ccggaattat	gggacatgct	gtgcagactg	ttgaaactat	gaatgaaggg	300
gaccatagag	tgaggggagaa	gctgatgcac	ttgttcacgt	ctgggagactg	caaagcatac	360
agcccagagg	agtctgaaga	gagaaagaac	ag			392

<210> 97
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 97						
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ctgagtaccc	agagttgcga	ggagtttttt	aactgattta	gccagggtggc	aatcatgagt	120
gaatggatga	agaaaggccc	cttagaatgg	caagattaca	tttaciaaaga	ggtccgagt	180
acagccagtg	agaagaatga	gtataaagga	tgggttttaa	ctacagaccc	agtctctgcc	240
aatattgtcc	ttgtgaactt	cottgaagat	ggcagcatgt	ctgtgaccgg	aattatggga	300
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atgcatttgt	tcacgtct					378

<210> 98
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 98						
ggcacgaggg	agacagatgg	ttttgaactt	cagaaaacca	ctcattgttg	cttcccctaa	60
gatgttactc	aggctccccg	cagccgtgtc	aactcttcaa	gaaatggcac	caggaacaac	120
atttaaccgg	gtcattgggtg	attcatctgt	ggatccaaaa	aagggttaaga	ccctcgtgtt	180

ctgctccggc	aaacattttct	actccctggg	gaaacaaaga	gaatctctgg	gggccaaagaa	240
gcatgacttt	gccatcatcc	gagtagagga	actctgcccc	ttcccgttgg	attctttaca	300
gcaagagatg	agcaaataca	aacattgtta	aagatcatat	ttggagtcag	gaggaacctc	360
agaacatggg	gtccgtgggc	gtttgtttct	ccaaggattg			400

<210> 99
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 99						
cgttgctgtc	ggataaatcc	gcgtgctaag	gaggtgacac	tgttattggt	tgtcctggcc	60
attatgtggg	acatggcact	ttatccattg	ctgactccat	tgagttggaa	ggatatggcc	120
taccagatga	cattgtgata	gaaaagaggg	gcaaaggcga	cacttttgtg	gactgcaactg	180
gtgctgatat	taaaatctca	ggcataaaa	ttgatcagca	tgatgctgta	gagggaaatct	240
taattgatca	ccgtggtaag	actacgctgg	aaaactgtgt	gctgcagcgt	gagacgaccg	300
gagacacagc	gcggacatca	gcagagtttc	taatgaagaa	ctcggattta	tatggagcgc	360
aggggtgctgg	tatttaaaaa	taacttggga	gtcaatgcgc	gcg		403

<210> 100
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 100						
tcaattccgc	tgctgtcgcc	actggccttt	ttttctgagc	aacaaaggag	tgcttcatct	60
ggggagtggg	aacctgagcc	gcggctctat	cgttcaaaga	gtttaaaaag	cattaatggt	120
catggcgatc	tactacgaaa	aagccatcct	ccaaaagtca	gggagcgcca	tttttctgaa	180
agcacttcta	ttgacaatgc	cctgaggcga	ctgacccttg	ggaatgaatt	ctctgtcaac	240
aatgggtaca	tcggaagatt	caaatctttt	tctgaactcc	cctcctgcga	tggaaatgaa	300
agttgggctt	atcgcaacgg	gaacaaaaca	ggaccaggt	ccgcgataac	tatattcaga	360
cctaacgact	attgggaatc	ttggaaaaac				390

<210> 101
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 101						
agtgggattt	gatggaaatg	tgaaccattt	ttcctctttt	ctggctccag	gttctacctc	60
ttcctgcagg	aagtccacac	aagctgggat	gagggggagg	caagacaaaa	gggcagggca	120
agtttgacac	aattaacacc	tcgatcatgc	ctccaaatgc	agagggctct	tcaggggaagg	180
agaatcaaaa	tgtacgggag	aaaaatgaca	ggagacgaca	ggcacgggtg	ctcacgcctg	240
taatcccagc	actttgggag					260

<210> 102
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 102						
ttttacgaat	ttcatctaaa	gtgtgtctgg	tatatctatg	catatgatcc	atthtccatg	60

ttaccatgca	cgctgactct	tattgaaata	gaccgctggg	aggcagcatg	atggagtgaa	120
aatagcatgc	acgttcaaat	ctgaaagata	tgggtgcaga	cacctactat	tctgtgccat	180
ttggagaaag	tcatccacct	cctgtatagg	acttttcttg	gctttaaaat	gaatagatgt	240
cttgaggata	ttactggtct	caattaaatc	aaaatttttg	caaaaaggtc	tgacactggc	300
cgggcgcgga	ggctcacgcc	tgtaatccca	gcn			333

<210> 103
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 103	
tgacggcctt	ntgcagatcc
aactgcttgg	tgaggctcga
tcaggactgt	ccactccgta
attgagagag	aaatacaggc
ccagctgtgc	cctgggtgcag
ccgagtacag	tgcaatcggg
cgcacccaca	gactgtgcca
aacagccaac	tacattagtg
	ctcacactan
	agactgtcc
	60
	120
	180
	240
	300
	360
	420
	459

<210> 104
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 104	
tctcaataga	cacttttata
agcgggtctac	gcttgcgaga
ctcagtaact	aaattttgct
tttgctttga	ctgaatccca
aagggggcat	aactgaatca
cttccggtac	tactaactca
tagcacaact	gctcaggtac
tttgaagaga	aaacg
	60
	120
	180
	240
	300
	360
	420
	435

<210> 105
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 105	
ttttgcagga	tcccactoga
acgaggagtc	taaggacaca
aagaggacct	tanccttcat
tggcaaattt	catcaggtaa
aaaaaccgaa	gtttaagaaa
	60
	120
	180
	240
	300

aatctgggaa aggtcaaata agatctccaa tctgtacaa ttccaaatac atttgagagc	360
agtgggtctg aaaatgtggg tcccagacca gcagcatcaa caccatgaag gaagttgtta	420
aaaatgcaaa ttct	434

<210> 106
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 106	
aaactctgtt ttaggataag tcactaatat agagatagct agttcaattg tgtctggctt	60
cctatcacat cactagcact tagtacagaa ttgggggtcct aanaatatatt ggcaatgatg	120
acctgtgttg ctttcaagaa agtattccaa gtgatagggt ccaccataat ccatattgct	180
ttaactcttg tacaagtga caaatttttc tatt	214

<210> 107
 <211> 243
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

<400> 107	
gctttcccg ggcgtgattc ctgagtgtctg agcgcggaacc cgaggagatg aaccctttaa	60
ctaagggtgaa gctgatcaac gagctgaatg aacgagaggt ccagcttggn gtagcgcgat	120
aaagggtgtct ggcactccga gtacaaagac agcgcgctgga tctttctggg agggcttgct	180
tatgaactga ctgaagggga catcatctgt gtgtttctcac aatatgggga gattggtaac	240
att	243

<210> 108
 <211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 108	
atattctaatt tccgaagctg gnggggggggc aaaacaggtc attccatgtt tgaaaggaag	60
ttgatgaagg agcctgggaa agcgggggaat tattcacaga gagaaacgac agcagcgtaa	120
acgtgataag gtgctgactg attctgggtc attggattca actatccctg ggatagaaaa	180
taccatcaca gttaccaccg agcaacttac aaccgcatca tttcctgttg gttccaagaa	240
aaatagaggt gattctcatc taaatgttca agtttagcaac tttaaatctg gaaaaggaga	300
ttctacactt cagggtttctt caggattgaa tgaaaacctc actgtcaatg gaggaggctg	360
gaatgaaaag tctgtaaaac tctcctcaca gatcagtgc ggtgaggaga agaggactcc	420
gttcac	426

<210> 109
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 109
 atctgcctcc cctgtctgta aggagcagcg ggaacggagc ttcggagcct cctcattgaa 60
 ggtgggtggg ctgccggatc tgggctgtgg ggccttctgt ccacgctctt gaggaagccc 120
 atgc 124

<210> 110
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 110
 gaggcagactg aacaaatgat gtgagaatct cttcagttcc aaccaagtgg cgggaaccag 60
 ctaagagttg ggtactgctg aggaaaattg atgggcagtt ggtaaaatag gtgtgaatga 120
 gagaaagctt tgttggggaa ccattggtggg tatgtgggca cgttctacat tactacaagt 180
 attgggaatt tcccagggga acagcaaaat cttgtcttat ttatgtttaa ttttaaaaaa 240
 ttccactgg gtgcagaggc tcacgcctgt aatcccatca ctttgggagg ctgatgcagg 300
 cagatcacga ggtcaggaga tcgagaccat cctggctaac acggtgaaac cccgtctgta 360
 ctaa 364

<210> 111
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 111
 cgttgctgtc ggcctgataa actgccacgg ccacgaggag tctaaggaca catccaattt 60
 ccatgcgcat ccaaaatgga atccgagaca gaaagaggac cttagccttc atatctgttt 120
 ttttcttatg aagcttcttc tgggtggaaa cttgtcaaat tcatcagggt aagaagtgtc 180
 aaagtgaacc tgtaaacttt gtttcaaaaa acaaaaaccg aagttaaga aatctaaaga 240
 tgggtgtcagc cttagacaga tctctggact gtaatctggg aaagggtcaa taagatctcc 300
 aatcgtgtac aattccaaat acatttgaga gcagtgggtc tgaaaatgtg gttcccagac 360
 cagcagcatc aacaccatga aggaagttgt taaaaatgca aattctcagg ctctccccctg 420
 n 421

<210> 112
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 112
 tttttgcgta tccactcga ttcaattccg ttggggctcg tgggtgcaaa agccaaggctc 60
 atttgcacat attccatcaa cctgtcaaga atggggcctg agtttataac ccaaggcatg 120
 gaagtgcatt cattctctta gctgggcaaa caattatact gtagttgtga tacaacacat 180
 gtggctttta tttgtactgc acatatccac tgtacagcca cttgggagta tctgtggttag 240
 cttgcagcaa ctgctgtctg catttatact gtttattgca tattcttttc cctggaagtg 300
 aaagagaaat gtttttcttg ttgcattgat tacattttat aaatttgctt agctggaaag 360
 tttgggaaaa gaggcctggt tgtcaattgt acaaccgatt gtgaagctct agtgtgaata 420

tttt

424

<210> 113

<211> 414

<212> DNA

<213> Homo sapiens

<400> 113

cgttgctgtc	gaaaaataca	aaaattagct	gggcgtggtg	gcacatgcct	gtaattccag	60
ctacttggga	ggcgaagcag	aagaattggt	cgagcccagg	aggtggagg	tgcaatgagc	120
caagatcgtg	ctactgcact	ccagcctggg	tgacagagcc	agactgtttc	aaaaaaaaaa	180
aaaaaaggta	aaaaaccttt	tttttttatt	tttttaaggg	gaaaagaaac	ctttttttta	240
ccttttcattt	tcctttcgga	aaaattcatt	taacaaaaag	ggggcccaaa	atggcccaa	300
ccttttaaac	cctttcaatt	tgggcaaggt	ttttaaaaaac	caaaaaaaaaa	gggaattggc	360
cctccaaaaa	aaaaataaaa	taccccaaaa	aggggggcat	ggtttaaaat	attc	414

<210> 114

<211> 415

<212> DNA

<213> Homo sapiens

<400> 114

cgttgctgtc	ggaagaattc	gcgccgcgc	gacagcaacg	gtttcaagat	tcacctctc	60
tcaccaaata	tttaactacc	tgctgaatac	gcctctgtac	taggcacata	atggaactaa	120
aaaatgctca	tgtccagttt	ttgtgttgag	tgaacaatgc	tgacagacct	aataagattg	180
ggtacagatc	ggcatgcgcc	tgtagtccca	gctactcagg	agaattgctt	gaacctagga	240
ggtggagggt	gcagtgcgcc	gagatcgtgc	cactgcactc	cagtctgggc	aacagagcga	300
gactccatct	cagaaaaaaa	gaaaaaaaga	ctgggtacag	atgtgatatt	ggaagaaaaa	360
gatcaagctg	atgagggttag	gataccagg	ccctttggac	ttaaagatca	ctagt	415

<210> 115

<211> 361

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 115

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cggaaccag	60
ctaagagttg	ggtactgctg	aggaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tggtggggaa	ccatggtggg	tatgtgggca	cgttctacat	tactacaagt	180
attgggaatt	tcccagggga	acagcaaaat	cttgtcttat	ttatgtttta	ttttaaaaaa	240
ttccactggg	gtgcagtggc	tcacgcctgt	aatcccagca	ctttgggagg	ctgaggcagg	300
cagatcacga	ggtcaggaga	tcgagaccat	cctggctaac	acggtgaaac	cccgtctgta	360
n						361

<210> 116

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 116

gggtaacctg	gagacattca	gaaaatatct	gtggaactcc	tgcattttgt	gaggcactgc	60
ccacggcatt	ggagagagag	atgcctttgt	ggtggtccta	aaagagttca	cagtctggcc	120
aggagacatt	gtacaaacag	actataaatg	gctgtgcttc	ttttttttct	aaagaatgtt	180
cagcgggagc	acttgggacc	tacctgtgag	agctgaggaa	ggcttcacag	aagaggtctt	240
gcttaagagg	aaacattttg	ggccagggtc	agaggcta	tttttgtatt	ttcttcttag	300
cagagatg	gtcncctcgt	tttttcggac	cattttcaac	ccttcactna	aagggtgctc	360
ctggagaggg	atctttttgt	gccgtg				386

<210> 117

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 117

agtgcagtga	tacaatcatg	attcactgca	gcctcaacct	cctaggttca	aactatcctc	60
taacctcagc	ctcctgagga	gctgagacta	caggatgtga	ccactatgcc	tggctgtttt	120
tttaattttt	tgtagagatg	gggtctcact	atgttgcccta	agctgttctt	gaacacctgg	180
gctcaagtga	tcctcctacc	ttggcctcct	aaagngctgg	aattacaggc	atgagccctt	240
gtgcccaggg	tctggaattc	tttagagaaa	tccttcatct	gtcttaatag	aaaaccatgc	300
cttattaggt	tactcacctt	tatatcaaaa	tttttctctg	gtgggtgcag	acgctatatc	360
tttgggaaca	agaagtcctt	tataaa				386

<210> 118

<211> 385

<212> DNA

<213> Homo sapiens

<400> 118

gggactcttg	ctaaaggcca	gccatggact	tacacttaca	aagcatcacc	ttatcaaagg	60
tggaggaaga	tcaacttgat	atcaagggtg	accagatttc	aggaatagg	gattctcact	120
aaactgactc	ccagaggtct	cttttagcaa	ggcactcatg	ccaagcgcag	tggctcatgc	180
ctgtaatccc	aacactttgg	gaggctaagg	cagggtgatc	gtctgaggtc	tggagtctga	240
gaccggcctg	gacaacatag	tgaacccag	tctctactaa	taaaaaaaaa	aaatgggccg	300
tcacattggc	tcaggcctat	aatcccaaca	ctttggggagg	ccgaggtggg	tggatcacct	360
gagggcaaaa	gtttgagacc	cgccc				385

<210> 119

<211> 386

<212> DNA

<213> Homo sapiens

<400> 119

tattaataat	gctaaacact	taccagcttt	gtaacttttag	ctatctatca	ccattgagtt	60
gtttccta	ctataaaatg	gtggaatcc	ctcatacgac	tgtggaactg	atgaaataat	120
atggcatatg	taaacatttg	gttcaagacc	tgctacattg	gatgaggaat	gtcaacagta	180
aagtaaaatt	ttgatctttg	agtgtgtagt	gagcttggtta	tgtcactttc	tgtggattct	240
atttgacact	cataaagaaa	aactctaggt	ttaaaaatgg	aactaggcca	ggcgcagtgg	300
ctcacaccta	taaccccagc	actttggggag	gctgagggcag	gcagatggct	tgagcccagg	360
agttcaagac	caacctggga	aacatg				386

<210> 120
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 120
 tattttactac ctggtcattt ataaagaaca gaaattgatt tttcacagtt ctgcaggctg 60
 gaaatccaag atgaagtcac ctgtagttca gtgtctgcgt ctaagagagt actttgttgc 120
 tgcacccgcc agagggaaga aatactgtat cttctcatga aggaaggaac cgaaggtggg 180
 aatagggacc aaactccctc tttcaagcct tttttagtg acattaattc atttatgagg 240
 atgccaccat catgacataa tcatttccca aaggatttca cctcctccca ctggtgcatt 300
 ggggattaat tttccaacac atgaattttg agggacacat tcacaccata tgcactggta 360
 tatagtaact aggtggcccg atg 383

<210> 121
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 121
 ctggtgcccc ggctggagtg cagtgggtgca atctcggtc actgcaagct ctgcttccca 60
 gggttcacgcc attctcctgg ctcagcctcc caagtagctg ggactacagg caccgcgccac 120
 agtgccctggc taatttttttg tatttttagt agagacaggg tttcaccatg tgagccagga 180
 tgggtctcaat ctctgacct tgtgaaccac ccgtctcggc ctcccaaagt gctgggatta 240
 caggtgtgag ccaccacgcc tggcccatga accaagtgtt tttaaggaaa caaaactatt 300
 tttttaatca tcagatttat actagctata tggatattag catatctggg aattatgaat 360
 ctagaatttt tttacatatt tttataatac tggtagctca ggtattggag 410

<210> 122
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 122
 cggttgctgtc gaaaggacaa aaccctgact ccagtgagt ctgaggccaa agctgaaaac 60
 agaaccacaag aagcttaatt cctgacctca gttccaatca aacagcacga attgtggtgg 120
 acctccagct gtgctcagat gggggggacac aatattggca gtacctctt ccttgccctc 180
 caggctgagt gccagtgtgg gagcgtgctc atgagagccc tgcacaagcg ggttttgagc 240
 acatgctacg ctctagcccc gtggaagcct ggactagtta gaggcagaga acagctcagg 300
 acagacacct ccctgcagag ccaaacagag tgcagcgcct gcctcgctgg gccatcctga 360
 gagctggggc cttcccagga aagagggagc tcgnggggca ccaccccatc 410

<210> 123
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 123
 tacggctgcg tgaattatac agaaggggtgc aatgttttgg aggggggagaa gtatttcaca 60
 cacataagta tgattttccc caaccagacc acaagctctt caaggttaac aacaccctag 120
 cccaaccccc tccccctcag acaattcttc tgctctccta gagcagactt tgatctagat 180
 tggatctaaa ttgactogaa atgtcaggaa gaagagatta atgcacatgg tccctttctc 240
 tgagagaagg agtgatagag caaagcttaa gcctgggagg gagatgaagc tgcccagcac 300
 tctcttcacc ccgtctgggg cttcgaaggg ggacagggtg aacactagag acagctggct 360
 gcctgggtccc gagctccatg tgaacagcct cctcccaaat cttcctttgg atctgn 416

<210> 124
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 124
 cgtctgtcca tctgtcgtec ctgccagcac agggggatgg tcctgggtct aggggctgca 60
 gaacacagca aggcccagag gccagaggct gcaggcgggc ctgaggggtga acttcccccc 120
 gagaaagagt ctctggaaga gaatgaatgg ccagcaggt agtgagaact ctgtcactag 180
 ggtatataag ccgggatgga cacaggggaag gacattttctg catcagtggt ggggtcccat 240
 cagttaagag agcctgtgac tctgtcgagg gaccatgggg ggtggcacca gagcccaggg 300
 cacctgaggg cctgtctgga tgcagctgct agtggtcata ggacagcaaa cactattcat 360
 tggattctga cttaggcagg ta 382

<210> 125
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 125
 tgatccaccc gcctcagcct cccaaagtgc tgggactata gacatgagcc accaaacttg 60
 gctagaaatt ttctcttttt tcccttagac ggagtccttg tctgtcaccc aggctggagt 120
 gcagtggcgg aatctcgact cactggaatc tatgactccc aagatcaaga gagtttcccta 180
 cctaagactc acgagcaact gggattacag acgcctgaca gcatcgcttg gctaaagatt 240
 atattaatgg tgcagatgcg ggaatatact gaaggttacg ccggcgacaa gactacttaa 300
 tggggcgagg gggagaatac gacttaaacy gtcccgcttg gacaagacga ggaaaagcct 360
 ctatttgcca gaacaaaaga at 382

<210> 126
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 126
 caataacccat gtggagaagc tgtgacatth ttaattttaca acctttcttg ggctcagaca 60
 taaagttacc tatccaaggt tgcagttggg tagtggtggg accaggatgg acaactcatt 120
 ggccctgcct caaaagccat acctcttctc ctgctatgca gaatctgttt ctctgaatc 180
 tctgtgatgc tgggtgggaat tgtttgcata gaggaaggac aataaccctg ccatcgtgag 240
 ttaatgtccg ggctgggtcac agtggttcat gcctgtaatc ccagcacttt gggagtcaca 300
 ggcaggcata tcatttgagg tcaggagttt aagaccagcc tggctaacat agtgagaccc 360
 tgtttctact aaaaatacaa aaataagcca ggtgtggtgg tgcagtactg t 411

<210> 127
 <211> 412
 <212> DNA
 <213> Homo sapiens

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<400> 127
cgttgctgtc ggaaaactac aaagcagcag ttaacagatc aaggaaatgg taaatgtata      60
gactttatga ataatatcca tgttgaaaac gaatcttttg ataactttct aaaagaaaca      120
aacaaagaga acttgctcga tatcttaaca gaacctgaga ggaagccaga tcctaaatta      180
tataccagaa gtaagccaaa gactgactct tataatcaaa ccaagaacag ttagttcct      240
aaacaagcct tggggcaaaag ttcagttaat agtgctgttc tgaaagatag ggtaataaaa      300
caatttggtg gagaaacaca aagcaggact ttcccagtaa aatcacagca actctctaga      360
ggagcagatc ttgcaagacc aggagtaaaa ccctcaagga cggttccctc tc              412

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<210> 128
<211> 373
<212> DNA
<213> Homo sapiens

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<400> 128
aaagcatcaa aaccttttct ttaatcccaa agttactaaa gtgatttaat acatttgata      60
ataccataat actgccatta tctttaatct ctctccaact tcctgccata aatcattttc      120
tcagagtgga cctcaattta gggtagaatt gctagttaca tagatgatgt caattgggaa      180
atacaaaaaa attagccggg cgtgggtggca ggtacctcta gtccagcta ctcgaggagg      240
tgaagcagga gaatggcgtg aacctgggag gccgagcttg cagtgaagctg agatcgcgcc      300
attgcactcc agcctgggca acagagcgag actccgctct caaaatagat acctgatttc      360
tttttgactt caa              373

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<210> 129
<211> 401
<212> DNA
<213> Homo sapiens

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```

<400> 129
cgttgctgtc gccagcagcc tggcatgtta atagttgttg aaagatctct gaataagggg      60
gtgtgggttg ctctctcaat tgcaatacca atgggaccac cacgggttta tctggttaac      120
agcttcacag atccagaatt ttatgtaatt tgtctgtgta tccagaattg atcatattcc      180
ggagtctgac tcatggtaac ccagctgtca gtagactgat gcgtaagcca ggtgcaaatt      240
tgtttacttt actattgaag tagataccct tccaatgact gaaatcccat atttaggata      300
ccccattcct gctatggaaa tacttaggag actaaattgt gaatcaaagt ttgtgactgt      360
gaggccgagt gcagtggctc acacctgtaa tcccagcact t              401

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<210> 130
<211> 374
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

```

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<400> 130
gcactccagc ctgggcaaca agagcgaaac tccatctcaa aaaaaagaa aaatgaacaa      60
taaaataatg gtgggctgtt cgggtgaggg tagtgggtac tctggggctc tgccagagag      120
taaggactga gacctctttt caacatctga gttcctcttc atgaattgcc ctgagaaggg      180
tgccaggggc cgggcgcggt ggctcacacc tgtaatccca acactaggag gccgaggtgg      240
gcggatcaca atgtcaggag atcgagacca tcctggctaa catggtgaaa ctcntgtttc      300
actannaata caaaaaatag gccaggcgca gtggctcacg cctgtaatcc agcacttttg      360
gaggnccgag cggg              374

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<210> 131

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<211> 239
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 131
 ctttataaaa tgtctccatc tttataaacc aagacatctc tctataatcc aaagtttcat 60
 tctccttttga aatctcaaca tatatatattt cagaaggaaa ctactttagt gtgggtctgtc 120
 actattatct gtcataattt aacttctaga cttgttgata agttcagatt ccaagtttta 180
 gtacgattta ctaaaaaaaaa acctagcatg cagaaacaaa aatatttttct ctacagctn 239

<210> 132
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 132
 gttggacaag attttatgta gtctatgcag ccacttggtg ataaagaaaag cagcaaaaagt 60
 ggtagtcagc aatttgggcc aactatctta cttttctgct ctcttccaac agctctgcta 120
 gatgcaagtg acagaaaatt aatgaactct tgcaggaatt ctatcccaac ctctggaatt 180
 caagaatgtc ctctattttg gctagttaga attgttagag tcattctcca tggaaaatga 240
 cttgattcat agttattcta ttattaagaa aacaatggct ggctgggtgc ggtgggtcac 300
 gcctgtaatc ccagcacttt gggaggcaga ggtgggcgga tcacgagggtc aggagatcga 360
 gaccatcctg gn 372

<210> 133
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 133
 gccttctgtt actttgtgtc ccattagtag ctgcctctat gccttaccat tttgagcaga 60
 tccttgagtg ggatgatacg tgcaaaactg tgcttttaggc agtttgttgt tataggcacc 120
 tgctctctac tctgtttgct ctcaacttag taggtggagc agcaattttc ctttttttgt 180
 atatggaata ttctggtaac ttttttgcaa ctttaagaaa tttcaagcca ggtgcagtgg 240
 ctcacatctg taatcccagc actttgggag gccaggcag gtggatcacc tgaggtcagg 300
 agttcaagac cagcctggcc aacatgggtga aaccccatcc ctactaaata caaaaaaat 360
 tagctgggagc tgggtggcaca ttctgtaat cccagctac 399

<210> 134
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 134
 tccctgaagt catggactgt gccagtcttg tccactcctg tgtccccagg tcctgtcaca 60
 aggcctggca tgtggttagat ttaaagtggg ttctgttattg cgcacacagc tgttcactcc 120
 tgattttcca gtacctcttc tgtgtcagga gctcttttat gtaaagcttg agatcacagg 180

aacccgctgg ttaacagggt tgtatccc

208

<210> 135

<211> 372

<212> DNA

<213> Homo sapiens

<400> 135

actgtacacc	agtggttctc	ttcaccaact	ataatgccta	attttcccgt	taatttccta	60
cttctgggta	ctgtaaacia	agtaaataccc	tcattcccta	cagctgggcc	acaaaaccca	120
ggatagaccc	ttgtaatactc	tgtgatccct	ggatgttcac	atgagctctt	gactgatgcc	180
cacttctgc	atgttggtca	acattttacc	tggatccttt	ggaaggaagg	gaaacaaaaa	240
ggatcagcaa	tatgaacctc	ttaatttgag	taaagtctaa	tcaaacccaa	taacaggccg	300
ggcatgggtg	ttcacgcctg	taatcccaac	actttgtgag	gctgagggtg	gtggatcacc	360
cgaggtcagg	ag					372

<210> 136

<211> 371

<212> DNA

<213> Homo sapiens

<400> 136

ggattgtgcc	tgcactgaat	aaaaacaagc	agctccaact	tctcagggtc	gctctctggc	60
cactagagcc	aggcagtcac	ctagctgctg	ttatgctgca	tacctgtctc	tgagtactcg	120
cttcatccat	cggccagggt	ctgtgggaca	gaccaggcag	gtgggtgccc	atgtgaggaa	180
cgctgcaatg	gattgcaagg	gaaccctga	aaacaaatgt	gaagcgactg	agcattgtta	240
tccttataac	accaggacct	aatgagctat	agcgctctcg	atgggtattct	ttcgtcctca	300
cactttgaat	gctttttgtc	ccctccccc	atcaaaaacc	agggggtggg	gtctctcacc	360
agctcgcccc	g					371

<210> 137

<211> 402

<212> DNA

<213> Homo sapiens

<400> 137

ggcacgagaa	aaagagagat	aatctctaaa	attttgtgag	ttttctgata	cttaactgtc	60
aaaatacagc	agatatctca	agtttcctca	gttgtaaaat	ggacttattg	aaacttgacg	120
agtttttcta	caaattttaa	atatcttatg	tgtacagaaa	gggaaaaata	gtaacattac	180
cagggagaaa	cccagtaaac	atcacttttag	gcaagtgatc	aaagttagaca	tcacctgtaa	240
taaaacctat	caatatcatg	tgcccccaaa	tatggtttga	ggaggtagcc	atgtcacatc	300
tgtgacagtc	ttcccctaaa	tccataacct	cagtctaate	atgtgaaaaa	tatcagagaa	360
accacacatt	agggtcattc	tacaaaaacc	tgacgagtag	tt		402

<210> 138

<211> 405

<212> DNA

<213> Homo sapiens

<400> 138

cgttgctgtc	gcaaactttg	ggtttattta	taacgaaaca	caggagaagg	tttcagcagt	60
tgccccgagc	tgttttgtgc	gtaatgaagt	ggctctttga	ttaaggagct	ctatttctta	120
tttaactgat	atcccactgc	cccactccac	agaataggaa	aatgaacaaa	tctttctctc	180
tgacttggtt	acatcatttc	acggaaacac	atctttgttt	gcaatgcagt	attctttctc	240
tgtgctcgac	agagatgggg	aggggcacac	gaacttaaga	ggctctagaa	caaacgctat	300
gctgattatg	acttggttcc	acttctcgca	cagtgtctagt	cttaagtgtc	taccacacct	360
aaaggtaaaa	ccccctcct	tttagcctaa	ggggaggggg	ggacg		405

<210> 139
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 139
 ggcacgagga accttgctac aggtagaagg gatgttaaag acttggtttc cacaaatagc 60
 tgcccagaag tcatcattgg gtggtggcaa gcatcagctg accaagcatt ttccaagcca 120
 ccacagtgat tcagctgctt cctctcctgc atctcctatg gaaaagatgg accagacaca 180
 gctaggacat ctagctttta aaccaaaagca gccttggcac ctcacacaat ggccagctat 240
 gaacctcacc tggatccaca ccaactccaat ttgcaacccc cctctcagct ccccaggtac 300
 tatctccttt agccatggtc ctttaggcac tggaaaccggc attggcgtca ttcttttctt 360
 ccagcatgga gtgcaaccct tcacccactc tgccccan 398

<210> 140
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 140
 ggcacgaggt tgactgcaga gtgaaacatc cttgcaaact cttccacact ccttcacgac 60
 actgagttgc catgtgaggt tcttcaagtc tgagagtggg agggatccct atggagactc 120
 ctattaaacc cctattagag gaagagattg agagacctag caatgtgaag taacaaagat 180
 caggcagctg caagtgactc ctgaatcttg agtccagggc tttcgccact acagtacagt 240
 ggtttttcttt tctttgggtcg gggagagtgg gctggaatgg agagtgaggc ccacaaatta 300
 cctgcagaga cgtggaggcg tgaggggagaa catgcttggt aaatatgcag gtagattagg 360
 agacacccaaa cagagattca gacacagtaa ggctgggatg ag 402

<210> 141
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 141
 cgttgctgtc ggtaagctaa caaacaatcg aggcacatac acacacacac atatatatat 60
 tttttccttc aatgcaatga atattttatt gagcatctta tgtgggcaag gcaactctatt 120
 tgtgaaaaat tcaaaagatc apctgccctt aggaatcctc tgggtcaactg tacgagaaga 180
 aggaaggggg caaggtgaga caagtaagca aataattatg gacttgactt ctgggcagaa 240
 gctatcacag ctacatttgt taattgctca gttaagtgc ctttgaaatg ttctatagcc 300
 atgtctccat taagaatatg aaatacggcc gggcgcggtg gctcacgcct gtaatccag 360
 cactttggga ccccgaggga ggtggatcat ttgaggtcn 399

<210> 142
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 142
cagagtttgc agtgagctga gatcgcacca ctgcactcca gcctgggcaa cagagcagaga 60
cgtcgccaac ttataaaaaaac caaaaaaaa aggggggggg cctttttctt ttttttcccc 120
aacttggaac aatctttttt tgtgtggggc ccccccccc ctggaggggg ggggaaaaaa 180
ccccttttt ggaaaatttt gggccctttt ttttttggg ggacccatta aatcccccaa 240
aaaaaaagta aaacaccccc ttggtttttt tttttatttc cgggccgggg gggggggggg 300
ggggttggtt tccaccc 317

<210> 143
<211> 406
<212> DNA
<213> Homo sapiens

<400> 143
gccgttgctg tcggcctgta atcccattta cttgggaggc tgaggcagga gaatcgcttg 60
agcccgggag gcggaggttg cagtgaagctg acatcgctgc actgcactct agtctgggtg 120
acagagcaag actccatctc aaaaaaaaaa aaaaaaaat tttggaaacc taggggttta 180
aaaaaaaaa aaaaacatttt tcattttggg ggggtgaacc ccaaaaaaa accccattt 240
aaagccaccc tttttttaag ggggaagggt ccaaaaaaa ggtgggcccc cgcccttgta 300
ccggataaaa ctcccaaaag ccccccaaa aaacatcccc ttgggggggg ggacttaacc 360
cgggggggtt tgggggagaa tgggtaagcc ccaaagggg gcctaa 406

<210> 144
<211> 398
<212> DNA
<213> Homo sapiens

<400> 144
cggttgctgc gggccccagg tggggagatg actccaggag gggacctgcc aaggacctgg 60
gcagccagcc acgtgttctg tgccctgcc ctgccagctc caaactcaca gtgtcatggt 120
gggtgggttg tgggaaaacg tcctctgctc atacttctga catcagttgt gtgggtattt 180
tcacaccaa caattottca acttctggaa acgaattggg tatccaagga ttccattcag 240
cattgaacag aattgccagt gctgacacta caggagttag tacagacccc acagattaag 300
ggctcagtc cataagactg cccccacttc agatgccagt cacaacttcc aggggctgcc 360
catacttctg ttccctcagc gcctctgcag atgtgagc 398

<210> 145
<211> 402
<212> DNA
<213> Homo sapiens

<400> 145
ggcacgagca cagtatgaac tactgctgat gtctctgttg gggatcagag ggctggcggg 60
aacgcgagaa gggcaccagc agcattccac acccagctct tcctcacctt cctgtctagt 120
ttgaatttct tttttttctt tttctttttt ttttttttaa attaaaaagg aaaaaggggg 180
gggtgggaaa aaacctaaac caaaaaagg gcataagggc taaaaccacc ccagaaaagg 240
ggcccttggt tgggggaaca agggctttgt taacccccct tgttttggtt ttgcacaagg 300
tgggccctgc ttaattttca ggggcctatg ccccatTTTT ggccctgggg ggctcggggc 360
taaggctcca cagggtgaa agtccctgc cagggttttag gg 402

<210> 146
<211> 406
<212> DNA
<213> Homo sapiens

<400> 146

ggcacgagcc	ccaccctgct	gccttatttg	taccagggc	tttgacacaa	accagtgct	60
ttgcttatgg	gtgctcgctg	gggtccggtg	gagactgacc	accctgcttg	agccaaagac	120
aaggtgatga	gagatgggga	gaggccattg	gctcccagag	ggaacagcgc	tggctgtggc	180
tagagaacag	caggtctgtg	cagtgtctga	gggcagggtg	ggaagggtag	cagagagaga	240
gagacagaaa	gagagagaga	gagagagaga	gagagagaga	gagagagaga	gactctcaga	300
gtggaatggg	ggggacgcat	ctagacacat	tggctagtca	cgcatgaagg	agggagaagt	360
acaggggata	ttataatggg	tttccccggg	ggagccttag	gaatcg		406

<210> 147
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 147						
gccggctctg	ccttttaact	gcttttcact	ggtctgaggt	gtatctgtat	aatggggagt	60
catagggttg	ttgagattaa	aaacaaaaat	actcgcttgt	aaaaacacag	tgctgggcct	120
acactaaatg	tcccagaaat	gtccttcctt	tgtcttcctc	cactgggggg	gtctatatca	180
tgagcccagt	ggtatgggat	acccagggcc	accctcctgt	cttcctgctt	gtccaccag	240
agccggcttc	ttccatggca	ggacctgcaa	atgctggact	cacagaaggc	tctgagaagt	300
aaataacagg	tgaggctggg	ggtgccttct	tatttcttgg	ngttgtcccc	agtctgttaa	360
gagacagtct	aa					372

<210> 148
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 148						
acccatcgat	tcgaattccg	ctgctgtcga	ggaaatggta	aatgtatatata	ctttatgaat	60
aatatccatg	ttgaaaacga	atcttttgat	aactttctaa	aagaaacaaa	caaagagaac	120
ttgctcgata	tcttaacaga	acctgagagg	aagccagatc	ctaaattata	taccagaagt	180
aagccaaaga	ctgactctta	taatcaaac	aagaacagtt	tagttcctaa	acaagccttg	240
ggcaaaagtt	cagttaatag	tgctgttctg	aaagataggg	ttaataaaca	atttggtgga	300
gaaacacaaa	gcaggacttt	cccagtataa	tcacagcaac	tctctagagg	agcagatctt	360
gcaagaccat	gagtaaaacc	ctcaaggacg	gttcccttcc	g		401

<210> 149
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 149						
ggcacgagga	gccatgcgag	cagctcgctc	ccttgagaga	agaactgtaa	cagaactgat	60
attacagcac	cagaacctc	agcagttgtc	tgccaatcta	tgggccgctg	tcagggctcg	120
aggatgccag	tttttagggc	cagctatgca	agaagaggcc	ttgaagctgg	tggtactggc	180
attagaagat	gggtctgccc	tctcaaggaa	agttctggta	ctttttgttg	tgcagagact	240
agaaccaaga	tttcctcagg	catcaaaaac	aagtattggt	catgttgtgc	aactactgta	300
tcgagcttct	tgttttaagg	ttaccaaaaag	agatgaagac	tcttccctaa	tgcagctgaa	360
ggaggaattt	cggagttatg	aagcattacg	caaagaag			398

<210> 150
 <211> 368

<212> DNA

<213> Homo sapiens

<400> 150

ccaggctggt	cttgaactcc	tgacctcagg	ttatctgccc	accttggcct	cccaaagtgc	60
tgggattaca	ggtgtgagcc	actgcaccca	gcctccttta	ctggttctta	atttttaaaa	120
tgtactggag	ttttctcttc	catgtaaata	ttagaatcag	cttaagttgt	attaaaaata	180
cctcattggg	atdddgtttg	ggattacatt	ttaattgtag	atttaaactt	tcctatgtaa	240
ccaacgtaat	gtgggcctcg	ttttggtgtt	ttttatacct	tgaagcgatt	atagcttaat	300
ctttccggcc	cgtcactgtg	ggttactctc	tgtattggca	attataat	tttttcta	360
gaaaaaag						368

<210> 151

<211> 369

<212> DNA

<213> Homo sapiens

<400> 151

atactgaagg	taatagggca	ggctgggtcc	atcagggctg	agaggcctgc	tgaagatcct	60
tccacaagag	ctgttccttg	agtctgtgta	gacagttgga	aattaaagtg	agagaggaga	120
aggaataatg	aaggaggctg	ccatttataa	atgtcttgcc	tgaataactag	gccgggagcg	180
gtggctcacg	cctgtaatcc	caacattttg	ggaggccgag	gcgggcggat	cacttgaggt	240
caggagtoga	gaccagcctg	gccaacatgg	cgaaaccccg	tctttactaa	aaatacaaaa	300
attagcagga	cgtggcacac	atctgtaatc	ccagctactc	aggaagctga	ggcatgagag	360
tccgttgaa						369

<210> 152

<211> 364

<212> DNA

<213> Homo sapiens

<400> 152

agagaggtga	ggacagagac	agctttat	agcagggacc	gcagaggccc	cggagggctt	60
cgtccagggg	gctggggaga	gaggaggagt	cagagacagg	agagacagac	agagatggag	120
agaaatgggg	ggagagacag	agacagaaat	gggggtagag	acagagacag	agagaaatgg	180
tgggagagag	gcagagagaa	gtgggggaca	gtcagagata	gaaatgggga	agagacagag	240
atagaagtgg	gggagaggca	gagacagaga	gaagtatagg	agagacagag	atagaagtgg	300
agacagagac	agagaagtgg	gggagagaga	gatagaaatg	ggggacagac	agaagttttt	360
atag						364

<210> 153

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(363)

<223> n = A,T,C or G

<400> 153

attagtgtta	tgaacgaag	catcacactg	ctgcacacat	aggaggcatc	ttgtcgttct	60
tatgctattg	accaaagaag	gttctcttct	cttgatatagg	ccattctatt	tggccacggc	120
aagatgtcta	ttaattatat	gagcaaggat	aggaaacctt	cccagcccac	cgtggcagac	180
aatttagccc	tgcggatcaa	tgggataaca	gatgtctcag	cctgaactct	ttcacagcag	240
agcatttttc	cattottgtt	gtggacttca	gtgtgagcac	tgtgagagca	ggaactgagt	300
cttattcgtc	tttgggtcac	tagcacagag	gctagcattt	ggatggaggt	cactgctctt	360

atn

363

<210> 154
<211> 343
<212> DNA
<213> Homo sapiens

<400> 154
tctactgaaa atacaaaaat ttgccagggtg tggtagtgca cgcattgtagt cctagctact 60
cgggagggtg aggcaagaga gtcacttgaa cccgggaggc agagggtgca gtgaactgag 120
attgtgccac tgcactccag cctggccagg tgacagagca tgacttcttc tcaaaaaaaaa 180
aaaagaaagg aactataaaa ttggggggggg ggggggagggt gaccccgcgg gggggccactt 240
aggggggttta agagggtttcc tttgggggaa ggggaacttaa tttaattttt gaggggaaaaa 300
tgagaagccc aggggggtccg cccagaacgg gtaaaaattg ggt 343

<210> 155
<211> 147
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 155
cctaattgac gtttatactt aaaattcaga gtacattaca aggacttctg gttgttgagc 60
ttttaagaat tatacagcag aatctttttc atctggnttt atgagttgct gcaataggat 120
aaagctattg taaattaatg ggaactn 147

<210> 156
<211> 285
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 156
gaccatacat cattttccat tctgggacag aggaagaaga cgggtggggg agttgatctg 60
gctagcccag agctggacag tgccattcta ttcttccctc ccacttgtct acacgggtggt 120
tattactact tgctctgctg ccagggtggt agtgcagtgg tgcgatctcg gctcactgca 180
acctctgctt ccagcttca agcaattctt ctgcctcagg ctccaagta gcaggcatta 240
caggcgctg ccaccacgcc cagctaattt tctgtatttg tggtn 285

<210> 157
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 157
 tacggctgct agaagactac agaaagggttc tagagcacgc aacctagatc cctcacatgt 60
 gcagttcaca ataggggttca cactcctatg acaacctaata gctgccgctg atctcacagg 120
 aggcggaact caggtgggta atgctcgctg gccaccggtt cgcacacctgt tgcacagtcc 180
 agttcctaac aggccacgga ccagctgagg acccctgctc tagagaatcg ccaaagtga 240
 gggtggtcat gaaagtttca aacagggtgt aaaggcaaag cgatatacta gaatcatcac 300
 tgcattttta nagagcacta ttaggaagag ctctcatctt tctctcttga tcaaagtgcc 360
 tttgaaacaa agagacttgc atctagaag 389

<210> 158
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 158
 ggcacgaggt caccagggct gttttgtttt ggcgtgatct gcaacctctg cccccgggg 60
 tcaagcgatt ctctgcctc agcctccga gtagctgaga ttacagggtgc gcgccaccac 120
 acttggttaa tttttgtatt attagtagag acgggggtttc agcatgttgg ctaggccggt 180
 ctctcctgac ctacgggtga tcagcccacc tcgggtctcac aaagtgctgg gattacaggc 240
 gtgagccacc ttgccagcc caccatcatc agtttgaaat gaaactttgc cacaaccagc 300
 ctttgctgta gcacacacat atatcactga acctgtttga aataaaggat tttttgtttt 360
 tcatgactcg gctttgagta cctccacgcc g 391

<210> 159
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 159
 gtgctctgtg acccgagcta gaaggcagtg gcatgacctg actataggtc actgcagcct 60
 ctaactcccg ggctcaaaca aatctctcgc ctacagcctcc caagtagctg ggaatacagg 120
 tgtgagccac tgtgtccagc ccttaacttc tcctttttat cagagtgtaa ccaaagggtg 180
 cctgaacact gagccctcca gggctcctc tcatttctc ctgggctcgc ttgcatacca 240
 cggttgcaag cataccatgt ctgatgggag ggcccagagg tgaccatgct ggaagggaca 300
 ccagggtctc gcagggtctt agtgtcagag gtcactgact ttcttaagca cctggcatct 360
 g 361

<210> 160
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 160
 cggttgctgtc gggcacggga aaataaatag tctttcgcgt gtggcagggg aaccttgtgc 60
 tcagggagggt ccgggaacct ggacgatttc agtctgtcct gctccccctc ccatgacaca 120
 tacagcgga ctcgtgcgct caccatagac cggcgggtcat atccgcacac agccacggcc 180
 ctcgaggtgc agtgcgaggc ctacaggtggc agagggcaca ccctggcag ctctatttat 240
 ttattgagac ggagtttcac tcttgctgcc caggctgtag tgtagtggtg cgatctcggc 300
 tcaactgcagc ctctgcctcc caggttcaag cgattcttcc gccttagcct cctgaatagc 360
 tgggactaca ggcacgcacc accacacccg gctg 394

<210> 161
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 161

ggcacgaggg	aattaccccc	cttgcctcttg	gggggctgct	agactgtctt	gccgcgggga	60
gggatgttga	ctgcagagtg	aaacatcctt	gcaaactcct	cccacctcct	tcacgacact	120
gagttgccat	gtgagggttct	tcaagtctga	gagtgggaagg	gatccctatg	gagactccta	180
ttaaaccctt	attagaggaa	gagattgaga	gacctagcaa	tgtgaagtaa	caaagatcag	240
gcagctgcaa	gtgactcctg	aatcttgagt	ccagggcttt	cgccactaca	gtacagtggg	300
tttcttttct	ttggtcgggg	agagtgggct	ggaatggaaa	gtgaggcca	caaattacct	360
gcagagacgt	ggaggcgtga	gggagaacat	g			391

<210> 162

<211> 366

<212> DNA

<213> Homo sapiens

<400> 162

taagtgaacca	tttcttcact	cctgggttttc	caattgtttt	gacactgaca	ttcaattagg	60
aggactaaat	acacagtggt	gatgatgggtg	gtgattatat	cattttatga	tcaacacctt	120
cttactggtt	tgtttctccc	aatattactt	atgagacagg	aacttacttt	ttcttatggc	180
cctcaacacc	ccccagttgc	tcctagaacc	ctatctcttt	tctgatccca	ttacacaatt	240
ttgaggtttt	cgttcccccc	cttatacttt	gttttctctg	gatttttgag	ggacctgggg	300
ttttttctac	ctctcctttt	tctcttaaat	tttttctttc	taacttagac	ctcccttccc	360
tttttg						366

<210> 163

<211> 394

<212> DNA

<213> Homo sapiens

<400> 163

cggtgctgtc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
ggtttcgcta	tggttggtcag	gctgggtttg	aactcctgat	ttccggtgat	ccaccaccct	120
cggccttcca	aagtgtctggg	attacaggcg	tgagccaccg	cgcttgcccg	gaaatcatgt	180
aattttaa	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtacgcgtt	240
agacgggcct	gggccagaag	tgggccatgg	agacctcggg	acccgcaggg	ctgccgcccg	300
acccagcgag	cctctgaagg	tgcaccgcca	ccccactgt	ttatcttact	gcctcatagt	360
aggcacattg	tcgttctcaa	tataattgca	caca			394

<210> 164

<211> 368

<212> DNA

<213> Homo sapiens

<400> 164

cgtctgtcca	tctgtcgtcc	ctgccagcac	agggggatgg	tcctggctct	aggggctgca	60
gaacacagca	aggcccagag	gccagaggct	gcaggcgggc	ctgagggtga	acttcccccc	120
gagaaagagt	ctctggaaga	gaatgaatgg	cccagcaggt	agtgagaact	ctgtcactag	180
ggtatataag	ccgggatgga	cacagggaag	gacatttctg	catcagtggg	gggtcccat	240
cagttaagag	agcctgtgac	tctgtcgagg	gacctggggg	ggtggcacca	gagcccaggg	300
cacctgaggg	cctgtctgga	tgcagctgct	agtggtcata	ggacagcaaa	cactattcat	360
tggattct						368

<210> 165

<211> 397

<212> DNA

<213> Homo sapiens

<400> 165

cggtgctgtc	gcgctcagga	ggcctgagct	tggtcctttt	cctctctgct	tggattctgg	60
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accaccacct	gggaaccaacc	ttcagctctg	gaacottcat	aaagcaggtc	agcgtggcct	120
gattgtccca	ggacctgaag	ggagcaagga	tggcctcagg	gcctggagaa	gtctgctact	180
ctgtccttac	tgctgaacat	cctgcttgta	tcaggaaact	cagaagcagt	ttgccttgtc	240
aaattcaatc	tcaatggcca	ttgtccacat	aactgatcac	ccatggctgc	ctctcctatt	300
atctattatc	actgaaactt	agtagcctgc	tttttttttt	taaagctatg	gcgaatcttc	360
cctgttgggg	atccttgaac	ctggtttgag	ttttccc			397

<210> 166

<211> 314

<212> DNA

<213> Homo sapiens

<400> 166

tccagtttaa	aggaacatgg	gccgggcgcg	gtggctcatg	cctgtaatct	cagcactttg	60
ggaggccgag	gaggaggac	cacctgactt	tagaagatga	agaacaacct	gtgcatcatg	120
ttgctgaacc	tgatctagaa	aatggtggtg	ccacagcctc	cggcttagaa	catgaaaaga	180
agtgtgcaga	cttaaccctt	acggactctt	tatgagtttg	ttccccctt	tggagacttc	240
ccctcgctgc	cttttctgcg	tattataccc	cccaacatct	tgggtgggtc	ccctcgctga	300
ccttaaaaat	taaa					314

<210> 167

<211> 396

<212> DNA

<213> Homo sapiens

<400> 167

cggcggagct	gtgagccggc	gactcgggtc	cctgaggtct	ggattctttc	tccgctactg	60
agacacggcg	ggtaggtcca	caggcagatc	caactgggag	ttgaagtgtg	agtgagagtg	120
aagaggaacc	agcaggcttc	cggagggttg	tgtggtcagt	gactcagagt	gagaaggccc	180
tcgaagtctg	cgtccctctc	atgcggtgcc	acgcccattg	accttcttgt	ctcgtcacgg	240
ccataactag	ggaggaagga	gggccgagga	gtggaggggc	tcaggcgaag	ctgggggtgt	300
gttgggggta	tccgagtccc	agaagcacct	ggaaccccca	cagaagattc	tggactcccc	360
agacgggacc	aggagagggg	cggcatgagc	ggtatg			396

<210> 168

<211> 397

<212> DNA

<213> Homo sapiens

<400> 168

cgttgctgtc	gggcacgtgc	caccacgccc	ggccaatttt	tgtattctta	gtggagacgg	60
ggtttcgcta	tgttggtcag	gctggttttg	aactcctgat	ttccggtgat	ccaccaccct	120
cggccttcca	aagtgtctgg	attacaggcg	tgagccaccg	cgctggcccg	gaaatcatgt	180
aatttaaaac	tatatatggg	tgtcttaggc	ggcatcggtc	ccaactctaa	agtacgcgtt	240
agacgggcct	gggccagaag	tgggccatgg	agacctcggg	acccgcaggg	ctgccgcccc	300
acccagcgag	cctctgaagg	tgcaccgcca	ccccactgt	ttatcttact	gcctcatagt	360
aggcacattg	tcgtttctca	tataattgca	cacagtt			397

<210> 169

<211> 183

<212> DNA

<213> Homo sapiens

<400> 169

ctgggtacggg	toggataatc	ttcgtaatgg	tgccgggtgtg	cctcgcttat	taagttgatc	60
gcttgtggaa	ctatttcctt	gggagcgtgt	gcgaatcccc	tgcgtttttt	ttttgaatga	120
cgtccatttt	ttttcgtgaa	tgaagtgtcg	ttctttcttt	tcgttgtgct	gtttctcatg	180

gcg 183

<210> 170
<211> 389
<212> DNA
<213> Homo sapiens

<400> 170
cgttgctgtc ggcagacaca cacatgcaga caacacgcag acacacacat gcaggcactc 60
acatgcaggc ccatgcacac acacgtgcac acacatgcag agacatgcag acacgcaggc 120
acacatgcac acatgcaaag acacgcatgc aggacacgc agacgcacac agagacacac 180
atgcagatac acatgcacac acacatacac aactggccc ctgtttttct gtggtgtcac 240
tgggtgccag caactcggta tctccacct cccactaaaa cctgggcctt aatttctctc 300
ccgtcccac ccctaaattc ctgatggatg aacctagagc tgtcctgtcc actccaggcc 360
ggactgacgt agcctatggg cccagcagg 389

<210> 171
<211> 396
<212> DNA
<213> Homo sapiens

<400> 171
cgttgctgtc ggcagacaca cacatgcaga caacacgcag acacacacat gcaggcactc 60
acatgcaggc ccatgcacac acacgtgcac acacatgcag agacatgcag acacgcaggc 120
acacatgcac acatgcaaag acacgcatgc aggacacgc agacgcacac agagacacac 180
atgctgatac acatgcacac acacatacac aactggccc ctgtttttct gtggtgtcac 240
tgggtgccag caactcggta tctccacct cccactaaaa cctgggcctt aatttctctc 300
ccgtcccac ccctaaattg ctgatggatg aacctagagc tgtcctgtgc actccaggcc 360
ggactgacgt agcctatggg cccagcaggc ccaggc 396

<210> 172
<211> 328
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 172
aaaccccgtc tctactaaaa atacaaaaaa ttagccggggc gcggtggcgg gcgcctgtag 60
tcccagatac tcgggaggct gaggcaggag aatggcgatga acccggaag cggagcttgc 120
agtgcgcca gattgcgcca ctgcagtccg cagtccggcc tggcgacag agcgagactc 180
cgtctcnnnn nanaaaaaaaa aaaaaaaaaa aagggggggg ggttttttcc ggaaacccca 240
actggaaaaa aaccttgggg ggggtgggca aacccccctt taaagggggg gaaaaaaagg 300
gttttttttg gaaaatttgg ggccccta 328

<210> 173
<211> 358
<212> DNA
<213> Homo sapiens

<400> 173
gcaggttgta cagaaagcca actaaggatg atcaaaaact ttcagatgat cttgactgtt 60
cagttgaggc ttgaaattaa aaatctatat gagcacctga ctgtataatt atgtaatttt 120
ttttccagta atataaagag ccaaggaaag caggtgggta ggtggatcca agattgagaa 180

tttgttggtg	ggctgtgcct	gcaagtcaaa	gaactgtcct	tcaagccaag	agttctggag	240
gtcattcaat	gggaaggctg	aaggctcagat	gctttgttaa	gactgaagct	tggtcgggca	300
cagtggctca	cacttgtaat	cccagcactt	tgggaggctg	aggcagggtg	atcacttg	358

<210> 174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 174

acaaggggaac	tgggcaatgc	cttggtgaaa	ttcaaact	agaattgatc	cctgaagaga	60
cagaaaccct	aagcacacca	tgaaccacc	ggagaaagg	aaaacgggtt	gagagatcta	120
ctatcttgaa	aagtcaggcc	tggcgcggtg	gctcacgcct	gtaatcccag	cactttggga	180
ggcgaaggga	gaatggcgtg	aaccaggag	gtggagctta	cagtgagccg	agatcacccc	240
actgcactcc	agcctgggca	gcagagttag	actccatctt	aaaaaaaaa	aggaaaagaa	300

<210> 175

<211> 302

<212> DNA

<213> Homo sapiens

<400> 175

tagtagagac	ggggtttcac	tatgttgccc	aggctgctct	ccaactcctg	acttcatgtg	60
atctgcctgc	cttggcctcc	caaagtgcag	ggattacagg	cgtgagccac	tgtgcctggt	120
cttctcattt	gcttttattt	gtacatcaat	tttagcatgt	attgctatta	gccttagatc	180
ataagtaatt	acaattatgt	gtgtctatat	cattgcatag	ttgcatttgc	ctgtttctct	240
tacagattgt	ggcacactag	gcatttttat	ttcccataaa	tcctagcaca	gagacttgta	300
cg						302

<210> 176

<211> 325

<212> DNA

<213> Homo sapiens

<400> 176

ctctccttga	ctgtaaaggc	aatatcttag	agtactttgt	atctccagca	catagcaa	60
tgctttgcta	gagtaggttt	taacatatgt	ttttgggtaa	tggtggcgat	gatgcaataa	120
aggacagccg	ttattcaatt	tactctgtgg	cactaaggca	acttgaaaac	tctctgttgt	180
aacctgacat	agagctttgc	atatagtagg	aactcagcac	atgtttggta	gattttaagc	240
aattattttt	tttctgtttg	gattagtctg	ttctcacacc	gctgtgaaga	aatacccaag	300
actgggtaat	ttataaagaa	aagaa				325

<210> 177

<211> 353

<212> DNA

<213> Homo sapiens

<400> 177

atatcaaatg	gatgtgccgg	aaggcagggt	gcggcagagg	caagtcagat	cagcttctgc	60
cactactgat	tgtgtgactt	tgaacaaata	agcctgtttc	cttaatgtta	aagaagaaat	120
accaatagtg	tccaggctcat	ggtggcgcca	tgataattaa	ataatatgtg	taaggctcca	180
ggcagtcctt	taccttactt	ttcctgacca	gtaggaaatg	ttcaataata	attaacggca	240
attttttctca	ctttgtcaca	atgattctta	tgaattatct	agatgagaag	gtagagctga	300
ggtcatcttt	cccagtgtga	cattcaaact	cttttcacaa	tacttagaga	cac	353

<210> 178

<211> 329

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 178
attgtgttct gaaaggaacc aaggttcccc agtaggetca attccaagta gctttcccc 60
caccactctg tggctcttta ttatttagga ctgtgctttt taagctcccg ttttcttagg 120
ggcattatca caccagagtt tcaactgctgt ccagagttaa cctctgcatg aatgtctcta 180
ggctgattgc tctctgctga gtactaacga aggaaatcca acattcatgt tctactttgg 240
gctttctgat gacacaggag cctggcttgt attcagtaca catatattga tgttatgtga 300
cttgactagg ccataanaac gataaatan 329

<210> 179
<211> 353
<212> DNA
<213> Homo sapiens

<400> 179
ccgggttact catcccatcc tatgtcttct gaagtacccc tgcaatccct aatgcctaata 60
ctctgtttgt ctggctgcct acggaatgag gacaagctga aagtctggcc tctcagtttt 120
gtctcccact gcctgactac ttttctattc tcaacccagt ccaccttcac atacccccag 180
ttgtgagtcg gtcaggagga tgtttctggg caatgagatg tacaaccggg gacagtatta 240
gcggagccat ggaagaaatg gaatttcacg cgtgaatatt ttgacaaaca tggccatgat 300
ttaagaactg gcgggatttt tctgggcccc caggtgatat tatttgggcc gaa 353

<210> 180
<211> 356
<212> DNA
<213> Homo sapiens

<400> 180
gaggaaaata cttttctcta gcatcgtagg aggaagaaaa caaacacatc agatattttc 60
agcactaaaa gagatggttt tccccacata tatgtaaaag aaatttgcaa gactactgga 120
ttttgatctc atggttgagc tgggtgaata ggtggccttt tgtgatctcc ttcacacccc 180
tggaagttag acttcttcgg tttcttctag agtcagtttg gtatcagaat ggcaaagcaa 240
cttaaccttc cagaaaatac agatgattgg acaaaagagg atgtaaatca gtgggttagaa 300
agtcataaga ttgaccaaaa acacagggaa attttgactg aacaagacgt gaatgg 356

<210> 181
<211> 352
<212> DNA
<213> Homo sapiens

<400> 181
aattagttgg tgaggaacta attataaaga ctattccagg tgctttaggg ttcagccaca 60
acctatgata aggaatacct attataagtg ggtgcttgta atagatatta ccatattatc 120
tatgcactca ctttaatact cattgttctg ggctccacct gatattatga tatgaatctt 180
tttagctata ctctgatcca gaagatcaca tgattagcat caatttctaa ggacagtaat 240
aaacttgata gttctgagca aatacataca ctacagaata gtcattcaac aaatatttat 300
tgctgcctca ctatgtagtc tatatatacc tatatgtaac acacatgcaa ag 352

<210> 182
<211> 384

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 182
cgttgctgtc gggggagtg atgctgctga attgtgatta attgggggag ccatataggt 60
acatttgcca tgatctgggc ctatgcgggc ttacaatccc tgtataaaac tagacaatga 120
aaaacagaaa acaaaacaaa caaacaacaa aacaagaacg aagcacctac cacatgccag 180
ctactgaggc tatgaaggta ttctccggcc ttagaaagcc caggattaat gcaggattgc 240
gatattttaa cagaacattt ccatacagca tgagtataaa tgactttccc aagtttacac 300
tgagagtaac tgacacagca accccagcaa agtctgagct gagtccctgaa taattgtata 360
aaaaggggag agaaacagag tgan 384

<210> 183
<211> 328
<212> DNA
<213> Homo sapiens

<400> 183
gaagcctccc caggcccaaa gactgggtta gagcttctcc ctcctgggtgc aatgcttcat 60
taattacata accaagtcta ttatacacia agtghtaacct cccactagag tgggagttcc 120
tcaagggaact taagggtact atcttcgtta gcctagcacg gtgctcagaa aacggtaaga 180
ataaaatagg tattttactac tcaggacata gtacagagtt attgtatatt tattgaactg 240
aattgagctg tctagtttgc cctttaaaac cagggtgtttt agtatttgga aatatggaca 300
atgatacctt tggtgttccct taaattca 328

<210> 184
<211> 356
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 184
gtatatgatg ttatgttatg ttatgttatg ttatgttatt gttacagaat tctaaatggg 60
gacatagaaa ttatttcctt tgagtatagt acatattgct gctaaataat agaacttgcc 120
tgattgggtat ggggggtggg gtttgngaag tannataag nnanaattat gggacattgt 180
agaatttttta ttgttttcaa attaatgcaa aataatgact agccctgtat tgttgagaca 240
cagtccctta ggaggtttgc tttaatgaac agataagaat cactggtggg cggggcgagc 300
ggcttacggt tgtaatccca gctctttggg aggccgagtg gggcagaaca ccttga 356

<210> 185
<211> 352
<212> DNA
<213> Homo sapiens

<400> 185
gatcgcgcca ctgcactcca gcctggggcga cagagtgaga ctctgtctca acaccaccac 60
caccaccaac aaattacttg tggtttgaag ccaccagtt tggttgtggc gccctaggaa 120
acggaaaccc acaggtgtgt ttcttaggag actgtgagtt tcacagagtc catcctccct 180

cccctatgcc	agatggccaa	gtttttctgct	tggcgcatct	cctgagccta	gcaactgaggt	240
gtccctcagg	aactgtgcc	atagactagt	ctacagattg	tgaagtagaa	acaggtcccc	300
catgccaggc	gcggtggctc	acgcctgtaa	tcccagcact	ttgggaggcc	ga	352

<210> 186
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 186						
taatgaaaaa	agtgttttta	aattagcatt	ttcaatgggt	ttcagtctct	gttaagcact	60
gaccaagata	agatgaggtg	aggttgcagc	aaattaactt	gtattgcagg	cataacacag	120
aaaatctagg	cctaaagaaa	attagacact	gagaaaagta	gcggaaactg	ggaaatactc	180
gtcttttgaa	aacactcctg	gtggggtaga	atttctggaa	tacttttgga	tgtttccttt	240
ctggttccaa	ggactagatt	aagtggcctc	tgagtgcagc	ggttgggggc	agagcctaaa	300
ccggggctgg	gtctatgtta	tctgtgtaca	agcagagcag	tggggtgagg	agaata	356

<210> 187
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 187						
ctggggttaa	gcggaaaatt	aaaaattcag	aacaaccata	gtctgttatt	tgtcacctgt	60
aatttaggct	aatatctcaa	ttctcttggt	atggacattt	ctcttacagt	gtgtctttac	120
ataatgggta	ttggatgtaa	tgtgatcaat	taattagagc	atatgattta	cattagtcaa	180
acctgtattg	attacaaaat	gactatgatc	tgaaagtanc	cttgctgtgt	tgtgtgtgtg	240
tgtgtgtgtg	cgtgtgtgtg	tgatataaga	ggagatcctg	ctttgtatgt	ggccaacttg	300
gggaggggga	tgaatttttc	actatattac	tgcgacgtga	gcacacacct	acggt	355

<210> 188
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 188						
ttctcctgac	tcagcctccc	gagtagctgg	gactataggc	acccaccatc	acgcctggct	60
aatttttttt	tttttgaatt	tttaagaaaa	aaggggggtt	caccgggtta	cccaggaggg	120
tctaaatccc	ctgacctcat	gatccaccct	ctttagcctc	ccaaactgcg	gggattacag	180
gggggagcca	ccgggcctgg	cccaccagga	gctatttcat	agggctctgg	gggcccgggg	240
gttttttgga	aaggggggtt	ctttgattta	cttgaaaaat	ctcacccttc	aaagcggggg	300
ttaaaaacca	ccccactgga	attggaaaaa	attttttgaa	gggccttttc	gaaccctc	358

<210> 189
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 189						
acaagggaac	tgggcaatgc	cttgggtgaa	ttcaaact	agaattgatc	cctgaagaga	60
cagaaaccct	aagcacacca	tgaaaccacc	ggagaaaggg	aaaacgggtt	gagagatcta	120
ctattttgaa	aagtcaggcc	tggcgcggtg	gtcacgcct	gtaatcccag	cactttggga	180

ggcgaaagga gaatggcgtg aacccatgag gtggagctta cagggagccg agatcacccc	240
actgcactcc aacctgggca gcagagtga actccatctc acaaaaaaaaa agaaaagaaa	300
g	301

<210> 190
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 190	
cgttgctgtc gctgaagga gcaaggatgg cctcagggcc tgggaagtc tgctactctg	60
tccttactgc tgaacatcct gcttgatca ggaaactcag aagcagtttg ccttgctcaa	120
ttcaatctca atggccattg tccacataac tgatcaccca tggctgcctc toctattatc	180
tattatcaact gaaacttaat agcctgcttt tttttttttt tttttaaaag ctatggggat	240
tctccctgt ggggaaccct tgaccggat tgggggttcc cctcctttgg gaaaattata	300
atccaaaagc cttttttttt tgtttaaatt acggaggggc atcccctaaa ggagtcgcct	360
ggccctcggg ggaataaca aaggaa	386

<210> 191
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 191	
cgttgctgtc gaaattgtat ggagaatggt atttaaaaag tgtttggaga ctttgcagct	60
gtcctataaa atgttgaagt gtgtatgtga tctacgtaga aagaatatta aagagtaggt	120
ggagctcttt ataggcgagt acagccttaa atatgcttgt atagcatcca ctgncagaag	180
taatagttgt gcctcagact tgggggttgc atgtcgcctt gggggagtta ctacccttgg	240
tatgcatgag cgggtcctat tagcatcagg gggaactcaa tactgtgtac gtatccacaa	300
aagggatctt gacaccacac ggtattctta atttctgata ttaacaaccg tacatactgc	360
tggaaacttaa actaagaaca tttagg	386

<210> 192
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 192	
aaagggtcaag ctgtgctatc actgttacct tagttttggg cttattggat gtgtccatag	60
tgaagccaac tccaggcctg acaccaggt ttgactcgag ggtcttcatg atccctgggc	120
tgtgcactcc tgccacagga gagcggattt ataacaaaag ctggcagggg gcagtgactc	180
acacctgtaa tcccagcact ttgggagggt gaggcgggtg atcacctgag gtcaggagtt	240
tcagaccagc ctgaccaaca tgggtgaaacc ctgtctctac taaaaataca aaaattagct	300
gggcatgttg gtgggtgcca gtaatcccag ctactcggga gggaggctga ggcaan	356

<210> 193
 <211> 357

<212> DNA
<213> Homo sapiens

<400> 193
 tgtcacccaa gctggagtgc aatgggtgca tctcagctca ctgcaacgtc tgcctcccag 60
 gttcaagcga ttctgaggag gggaggagga ggggaagcaag gagagaggaa cgcagggagc 120
 agagcctgac ctgggtcacgg ggggtctggga aagacagagg cttttgttag agccggcagc 180
 tgagggccga ggccgagcag ggggttaggcc agcacaggac gaaaagggaag aaagtccag 240
 gtggagtctg gtggagaaaag accgacctgg aaggcaccag catgtgcacg tggcaactga 300
 ggtcgaggac gtgcctgaga aagaggagga aggtgccctg cggaccgggt aggggtgc 357

<210> 194
<211> 357
<212> DNA
<213> Homo sapiens

<400> 194
 ttgaacctgg gaggtggagg ttgcggtgag ccaaaatcac accactgcac tccagcctgg 60
 gtgacagagc aagacttcgt acaaaaaaaaa aaaacctaga aggttaaaat ttttgttatt 120
 ttgacccaaa gggaaaaaac tagtttttag ggtgggcgct gcctgtgaaa actgcttttc 180
 ttaaaaggcc aagttttcca cactgttgaa ctttgacttg ccaaacatgt cagcaggtct 240
 ttcagctttc aggaaaaaag gaaggggagt tccttgcca gttgcctttt tgtctgttta 300
 ccaaaggctc gggatttaac ccagtttttt gcaggccaca ggagacagcc ggttgtg 357

<210> 195
<211> 357
<212> DNA
<213> Homo sapiens

<400> 195
 aggtgcccggt gtgtgtctac agagaggcca agcctggaac aggcgcctgt gtgtgtacag 60
 aggcagctgg aaaccaagtt acgtgaaagc ctccaccagt taccctgggg ctcttgcca 120
 gacgaggttt ctgcagggag gacagactga agctcaaag ggcagtagtg aaggcggctc 180
 ccattgcggc caggctcagg ccaccgcccc gcaggaggga aggtgctgga agcttacgtg 240
 cccgtggaca ctggaggctt atgcacctgg accccagtg catccaggtc ttctctgtgg 300
 gccaaagggtg aaagaggctt cttgaaggct gagggagtcc cagtgcaggc ctgagac 357

<210> 196
<211> 357
<212> DNA
<213> Homo sapiens

<400> 196
 atactactct tgaaattatc ttctaataca gttgatacat taggctatct gggaataata 60
 tgaagatact tgatttaatt ccaaaaaaag cacaattggg tgactcaca ttctgggtact 120
 ttagttaaac ggtttttgtt ttatcttggc ctgatgagat accataattt acacgaatat 180
 tatctaaact aaacttttta atccagtata ttagtgcgaa ctattctttt tttttttttt 240
 gggatggggg cttgcttttg acctccagct ggggtgggcag gggcgtattt tggcctattg 300
 tgcgcccccc cctccggggg aaaagaaatt ttccgcccct aacccccgaa gaaacgg 357

<210> 197
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(352)

<223> n = A,T,C or G

<400> 197

aaaatgaaat	ctctcagaac	ctgatgggtat	ttggatagca	tatacccacc	agaggaacag	60
gcttttatct	agcataccac	aggtctcccc	tttagcacat	ctgtgctcat	tttgaaactg	120
tatagggaag	gacattagat	ggctgggaga	actctgaagg	acagacctgg	atctcctgcc	180
atcttccaaa	ggtgaaacaa	caaaaatccg	ccaggctttc	agtcagaagc	ccggaagggc	240
cactcccaag	gaacagaggc	aagagcagaa	gtagatggag	tcttactgaa	actgaaaccc	300
agctcaattc	ctaatagggt	gaagatatga	ttacctcaat	gcagtctgct	tn	352

<210> 198

<211> 353

<212> DNA

<213> Homo sapiens

<400> 198

gaggaagagg	ctggggaccg	cggcgaaggt	ggtgagtgt	cttgggcgcc	ttctcccaac	60
gtccctgcc	gactcgcctc	cggtctgatt	ctccagttgg	tttcttgac	tccagagtag	120
ctgtccggcc	tggcccccga	ggtgcaaagt	aagaaaattg	aagtcaaaga	ccatgggaga	180
tacagcaaaa	ccttatttcg	tgaagcgcac	taaagaccgg	ggggctatgg	atgatgatga	240
cttcagaagg	ggtcaccccc	aacaagatta	tttaataata	gatgaccatg	ctaaaggcca	300
tggcagtaaa	atggaaaagg	gccttcaaaa	aaagaagata	acaccaggga	act	353

<210> 199

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 199

atagaagaaa	ctaattaaga	gatggaaatt	cttgatttct	tgttgaaata	ttataccaat	60
ttcctttttt	tccttgatat	atgcaaaacc	aagcctcatc	tcgagtatgg	ctaatttaat	120
caatagtggg	tatttcttta	tccaacatgt	tcttaaaaaat	aatatacttg	catgaccaca	180
tgcacagaat	atgtgggatc	aaatttcaat	tcaatacagt	ctcagagtaa	gtataacaga	240
aaacctgttc	cttgacctat	aaggtattga	atagggatta	gtatctaaac	ttttgtagtt	300
tgaagactc	anacataagt	tcgccaatc	aacaaagata	tatgattcca	tac	353

<210> 200

<211> 329

<212> DNA

<213> Homo sapiens

<400> 200

atcacttgaa	acaagaaaac	ggagggtctca	gtgtgccaaa	agaacaccgt	tgcactccag	60
ctctgggcaac	aagaacgaag	ctccatcgct	tagaaaaatc	caaaaagaaa	aaaaaccggg	120
gggggttttc	tccccccctc	ccggaggatg	cgaagaacaa	ggttggtttt	tgtaaagcac	180
aaaaaaaaacg	cgggggaaaa	aatggacctt	ttttaaaaaac	cgtggaaacgt	ttttgtcttt	240
ttcgaggcct	ttttttctgg	gttaaaagat	ggggaaaagc	cggggggggt	ttttttattt	300
tttcggtccg	gggggggggg	ccagactat				329

<210> 201

<211> 385

<212> DNA
<213> Homo sapiens

<400> 201
cgctgctgtc gggttattatg gataaactat tattgttaat tccgggcaag ccacttgcc 60
ttctaggcct gcttctttgt tcattaagcg gggagcacgg ttcttgtag gattacatgg 120
gagtgatgag tataaaggag actgcaaacc ctatccagag ccacacactt gggagtgtca 180
ccgtggtaat cagagtcctg ttttcctaca ggagctccat ccacaactgc tctgcagggg 240
acaatgggtg ccttcattcc ccacagggct ccctaccctc tccatcgata cacactaaca 300
tatgggaaat gaaggccac cctgcccggc tttcatactc tagaatgcgt gaatttttgc 360
tcttggcagc ccattaaaag ggcta 385

<210> 202
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 202
ttggctcagcg atgctgggtga gatgtaacct cagaaaagca agattaagtt atagctatcc 60
cacagggcac cttcatgcaa ttagaagaaa gtgtccctcc agaagatgca gccccctcca 120
agggccatgt cttggcaaat tcatacagccc ttgtataaat tagaaaaagt caacttccct 180
ggatagatgc agccccagag gtatatggct ttgtgaagag ccagatttca gcaccaactg 240
gcctacagaa ctatatgcgg tggccctggg tgtttttttg ttaccagata catagcaact 300
tatcttgtgt actttgtcgg ctctctgtag tgaacatgg gattttattcc taatn 355

<210> 203
<211> 353
<212> DNA
<213> Homo sapiens

<400> 203
acacggaggg gtcacctgcc ccagcgcccc acggtttcca gccttggcct gtcctctttc 60
acctggccca cgggtgatgc gtgctgtgct ggctttctg cagggtacag tgcggtcagg 120
ggactgctgg gggctgtcag agccccagcc ctttgcctca taccaggga gccgtttcca 180
gtcctgaggg tttttgcgac tgatcctggc tgggacttgc ttcttactag gagaagcaag 240
agatccaagt ctttcagtca gacgtgtctc tcagacatca gaggggcagg aactgaatg 300
cacatgtggg ttctgagggc tcctttctct ttgaaatcct gcaacaatta acg 353

<210> 204
<211> 385
<212> DNA
<213> Homo sapiens

<400> 204
cgttgctgtc ggtgtatttc attggaaatt gatgacttga aaaaaattac caattcactg 60
actgtgcttt gcagtgaata acagaagcaa gaaaagcaaa gcaaagccaa aaagaagaag 120
aaaggtgtgg ttcttgagg gggattaaaa gccaccatga aagatgatct ggcagattat 180
ggtggttatg atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240
tcttggtgtc atctttatgt tgcccacaat cccttgaaca tgtagacaaa cttcctttcc 300
tttcagttct gccaaatgct acaatcagaa gtgcagtatc ttttggtgtg gttatttaac 360
cccttgacac ttagggtgcta atgtg 385

<210> 205
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 205
 cgttgctgtc ggtgtatttc attggaaatt gatgacttga aaaaaattac caattcactg 60
 actgtgcttt gcagtgaaaa acagaagcac gaaaagcaaa gcaaagccaa aaagaagaag 120
 aaagggtgtg ttccctggagg gggattaaaa gccaccatga aagatgatct ggcagattat 180
 ggtggttatg atggaggata tgtacaagac tatgaagact tcatgtgaca ttttatcttt 240
 tcttggtggc atctttatgt tgcccacaat cccttgaaca tgtagcaca cttcctttcc 300
 tttcagttct gccacatgct acaatcagaa gtgcagaatc ttttgtgctg gttatttaac 360
 cccttgacac ttaggtgcta atgtgca 387

<210> 206
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 206
 cgttgctgtc gctggatagt agttgttctt caggcacttg gaggccttgt aatagctgct 60
 gttattaagt atgcagataa tattttaaaa ggatttgcaa cctctttatc gataatatta 120
 tcaacattga tctcctattt ttggcttcaa gattttgtgc caaccagtgt ctttttcctt 180
 ggagccatcc ttgtaataac agctactttt ttgtatggtt atgatcccaa acctgcagga 240
 aatcccacta aagcatagtt gtatactatc ttttaactgg ttttcacgat ggggcactag 300
 gaatctcgac attaactctg cacagaggac ttctacagag tctgagaaga tatcatcatg 360
 ctgaatctga tcatactgtt 380

<210> 207
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 207
 gatagtgaat atattctctt actcaagagc ttaaaaatta gctattttat aaaaattgtg 60
 tacatgtgga ttacaaaacc tgtttccttt gtaaacagca gagcggctct gattttctta 120
 atgtctaagg tcattactct agaaatacac cctatggtgt ccttgaggaa accatggcta 180
 tggcttttgt aactgggtta caaaatcagc tcacgccgag tgcgatataa aagtaacag 240
 gctctgagtg aggaataaga gctctactct aggtaaaatg cttgaatttt ctgttctgga 300
 tggctcanga gactttttga gggggatctc agtgacattt tgga 344

<210> 208
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 208
 ttttgtatct gtcattgtca tggatattca gagttggagg atggtctgag ttctgacctg 60
 gtgtaggaat cccttctccc aaaactctaa cagtacattc tcaggcttcg tgagctcagg 120
 cttaagacac attattttct gatgctggac agcttcttta aaaaaatgta gtttcttaca 180
 ttaagctaaa atttatttta tgaaagttca agaattctgg tccaaattgg gatgaggcct 240
 atggtgcagg acttccgtga aattttatga gattacaaat gcaaaacact tagaacagtt 300

tctggcctat tgccagaatt caataattga ataaaggcag gcagaaata 349

<210> 209
<211> 346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 209
cctgggtctca aagtctcagc ctcaatcaat cctcccacct cagccttctg agtttctgga 60
attacaggca tgagccacca cgcccagcta aatgactgct tttgaaccat acttttcttc 120
tgctttttcc ttatcaactg actttgttta ataaatcctt gtctttaagg tcacagactt 180
tattgttaatt tgtgggttag catggagggtg gggcaagagg tcccgtttct ccaccaggta 240
accaggccat gctgagaata cttccctcag acatttcctt aagcatgttt tgggaagggt 300
atacttccac actggaatta tataagtgga attgaataaa acccan 346

<210> 210
<211> 345
<212> DNA
<213> Homo sapiens

<400> 210
ctaattacgg ctaatcacag tagaaaataa aacttgattc cctttcctgc atggcttgag 60
catgaaatag gagaaggagc aagacaacct ccgggtattg tttctaattc tttaaaaagt 120
tgtacttgca gccaggcacg gcggctcact cctgtaatcc tagcactttg ggaggctgag 180
gcaggcggat tgcttgagct caggagtctg agaccagcct gcgcaacatg gtgaaacgcc 240
gtctctacta aaaacacaaa aaattagcca ggaatggcag tgtgcacctg tagtcccagc 300
tactcgggag actgaagcag gagaattgct tgaaccacag aggca 345

<210> 211
<211> 347
<212> DNA
<213> Homo sapiens

<400> 211
ggcgacagag cgagactcca acttaaaaaa ataaataaag aaaaacagga tgcattccagc 60
ttgtctcaca cactctaccc tgggtttata tttattatcc acgaggaaac atccaaaatc 120
aggggtcaga gtcattggtc ccacacttgt ccatgacgag atgggccagt ccacatcaca 180
ggcacaggta ggagacccca acacagtgtc cactgttcac attctaaagg tgactgtcgg 240
ccaggcacgg tggttcacgt ctgtcatccc agcaatttgg gaggccgagg cgagcagatc 300
atccaaggtc aggagttcga gaccagcctg gccaacacgg tgaaacc 347

<210> 212
<211> 351
<212> DNA
<213> Homo sapiens

<400> 212
atgtgtacac aatcttccag catataccaa tagctgaatt tgtaagatat tatatagtat 60
ttgcatgtgt atagctcttt ctctcatcttc tgtgtacaac tgaaatattt ttttcatgtc 120
ctagtaaaac cctaaattga gaattacgga ctactaaat gttagaccag ctagtcatctt 180
agaaaacagt gcatgtgatt tgtttaaggg gcagggaagta ttagggtgtca acaattcaaa 240
tcactttgtg tctttttttt ttgaaacgga tgccacttcc ttaaccctgc ttgggggggc 300

agcaccctaaa tagcactttt tgtacgggga aataagtact tagcgaggca c 351

<210> 213
<211> 348
<212> DNA
<213> Homo sapiens

<400> 213
ttgtatattt tagatgcctc tttaaaaata aatttacatg atgagaccct gtctctaaaa 60
aataaaaaata aataaaaaata aaataagcta ttttaaaagt tagttattta aattgaagaa 120
tgtggacaag atataactaac agtttctcta ggactgatca cccattatcc catgaataat 180
agaaattttct gataaggatg ttgcttaatg gagattttcc tatgttatct ctgcggttct 240
agtgggtggc aaaggcagct atccgggtag ggcactgtaa aggtgtggcc ttagtcattt 300
acactaggac aataagagac cctccacaag tgtgtaactg gataaagg 348

<210> 214
<211> 129
<212> DNA
<213> Homo sapiens

<400> 214
cggggacggg ttcgggcata cgcatttag ggagctttgc aaaaatagca taatatggga 60
attgtgagat gctactgcat aaattgtcgc ctatctaaat tgaacataac gtgccacact 120
cgactatac 129

<210> 215
<211> 373
<212> DNA
<213> Homo sapiens

<400> 215
tacggcctgt tatattacga cagaagggca cagctccacg gacttagagc agataaggta 60
attgctgctc caacagccca gcctcgtccc cagctcagag tctagtatgt tagaaactgg 120
actgcctcct cccccacat cctcccctag tagcttcagg agggggacag ctccactgct 180
gtccccatgc agatggtgca gtgcacataa aagggtgggtc gcaggccaag cgtgggtggct 240
cacgtctgta atcccagcac tttgggaggc caaggcagga ggatcacttg aggtcaggag 300
ttcaagacca gcctggccag catggtgaaa tcccactctc actaaaaatg caaataaagg 360
ccggggcgcg tgg 373

<210> 216
<211> 372
<212> DNA
<213> Homo sapiens

<400> 216
cgttgctgtc gaaaaaatct ttctaaacaa caaataccta acattattac tgattgtttt 60
cctaatttat cctcctaagt tgaatggtaa caaagctttt ccagctgaat gaatgcactt 120
agctgataaa ccagaatttg ttcttttttt tccttctttt ttttttgaaa cagggttctca 180
ctctgtcacc gaggttggag ggcaggggaa tgataatagc tgactgcagc ctcaaccttc 240
tgggctcaaa ggatcctttc acctcagcct cctgagtagc tgggaccaca ggggggggcc 300
accacaccgg gctaatttta agggattttt tttccttttt ttttttacc atgggtgccc 360
gggtggactt gg 372

<210> 217
<211> 347
<212> DNA
<213> Homo sapiens

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<400> 217
agtgactagt acaagaagcg aatgctcctt tcctctagtg gacatgagaa aactatccaa      60
aactgcagtc acctgggtgtt ccagctgggtt gcgctatctg ccgcttgcca gatgcataaa    120
gctaccagga gattagttgg tgggactggg aggaaatagg ggaaattatg gtttaggtgt      180
tcatgatctc tctgtgggaa aatgaggggtt atttttccca ctgtcaaagc cccaaaggaa    240
ttttaacaat ctttttctta ctgcaccccc attgtctttt tgtttcaaaa ggccaattta    300
ttttctcatt attactactt attggctcgg tgcgaggtag actttcc                      347

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<210> 218
<211> 351
<212> DNA
<213> Homo sapiens

```

```

<400> 218
tgggggtgggt gacaaaagct ttgggcaagg atgtggaaca aatcttattt taatttggct      60
taattgactt aactacaaaag cccatcattt acttgaagca caaactataa ctctgatgtt    120
ttctccattt taaaattata aatgcattaa ttaaaaataa ttaaagagca aatcattaat    180
agcaaaactac cataacttga tactttttta cattaatact taatagggtt aatatctagc    240
agggcggggg aaggcacagg gataatataa ttatgtctgc tctgagcaag ggagtgacaa    300
taggtgtacc actgacttgt aatacagcag ctacaccagc tcttgaatgt a                      351

```

```

<210> 219
<211> 317
<212> DNA
<213> Homo sapiens

```

```

<400> 219
gctggctggg cggccccaca gacaggcaga gccaagcact cccctctcag gcactctgcc      60
gcaggctgga cagacagatc agctgggcta gggcgtattg tcccctggca gacagacaaa    120
tctgcagctc ctgagtgggt tttgccccag cctggggacc tcttgtttcc tagcaacatt    180
cttaattcag agcgggcacg gtggctcatg cctgtaatcc cagcacttta ggagggaag    240
acaggaggat ggcttgagcc caggagtcca agaccagcct gggcaacatg gtgagccctc    300
atctctacaa ataaatt                      317

```

```

<210> 220
<211> 324
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

```

```

<400> 220
tagggtgtaa atgcctggat gctatagatt ccaatttaac tatgaaaaga actgactcat      60
tcattttacat ttctgttaca gacagcccag gaggttacag tgagctcttc actaagaatc    120
tggacgaaat gcatcactag gggttgattc ccaatctgat caactgataa tgggtgagag    180
agcaggtaag agccaaagt cacttagtgg aaagggttaa aaccagagcc tggaaaccaa    240
gatgattgat ttgacaaggt attttagtct agttttatat gaacggttgt atcagggttaa    300
ccaactcgat ttngatgaa tctt                      324

```

```

<210> 221
<211> 351
<212> DNA
<213> Homo sapiens

```

<400> 221
gttcacccatg ttgggtcaggc tggctcttgaa ctcttgactt caggtgatcc acccgtcttg 60
gcctcccaaa gtgctgggat tacaggcgtg agcccaccgc gcctggcttc ggaattgcat 120
cttaatctct gtggcggctg ctatcttctt ttctaagttc atgagcacag gtggctgcct 180
ctatctttct cctccactta agcaggaaca attcaggagg cagactccac ccaatgctgc 240
aaatcggccc tattatcatt gaccctgaca gaatttcagg agtgtcaggc cactccatac 300
tgcaaacagt acaggttgct tataatcgcc aggaggaaa g aaaatatcca g 351

<210> 222
<211> 378
<212> DNA
<213> Homo sapiens

<400> 222
tacggctgct taagacgact taagggggaa tgacgcagcg gctcttagag gaacatatgg 60
aaaacaccca agccggagtc tctcacaagc ttgaatgtgt gttctggagc tgaaggatgc 120
acggttggtta agcccctgtt cttttccggt gttaaatcta atgttctttg gaataaaaac 180
ctccctgcc aagtagtactt gggtttatgc tcaacatgct ttgactgttg aaaagagacc 240
tttgccacac attgaaggga tggatgatga gatgccaat catggaatca ggtggcgag 300
ctatgttggg agctatagca gaagtcttct tggcaaatg tcctcccggt aaggaaggta 360
ccattggaga accatgag 378

<210> 223
<211> 347
<212> DNA
<213> Homo sapiens

<400> 223
tgcgtttttt tttacatgtg tgtattttgc ttattttatg catgtatttt aaaatagcaa 60
gttgactttt ttgcctctgg agttccacag aaccagggtg atgctgggac atggaatact 120
aacaaggaga aacagcttcc tgtttaagaa caattcccat gttttttttt tataggagaa 180
aattgagagc tgtttggggg ctgccatact ttacatttac tttactctac atttaagtgt 240
ttggtctcca agtaagaag agtttcatta gatgtagcaa aaacaaaaca tattttttatt 300
cttcagagct ttcaatgatg aaagaacgaa ccttgaagat gaaaagg 347

<210> 224
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 224
aggtacgggg gcgagagaga caacanaagg ggagcacact gaacaaatga tgtgagaatc 60
tcttcagttc caaccaagtg gcgggaacca gctaagagtt gggtagctgct gaggaaaatt 120
gatgggcagt tggtaaaata ggtgtgaatg agagaaagct ttgttgggga accatggtgg 180
gtatgtgggc acgttctaca ttactacaag tattgggaat ttcccagggg aacagcaaaa 240
tcttggttta tttatgttta attttaaaaa attccactg ggtgcagtgg ctacgcctg 300
taatcccagc actttgggag gctgaggcag gcagatcacg aggtcaggg 349

<210> 225
<211> 344
<212> DNA

<213> Homo sapiens

<400> 225

ggagatgctt	ttccttctgc	atgttaactc	acaactcatt	cctaatacatg	gaggctctaa	60
tccaactgac	taaaatgctt	ttctccccac	ggaactaacg	tagttacttg	agagaagaga	120
gtaaaccagc	ttctcctgcg	tggcacaggg	ctatttttca	ttatagggaa	acggacttct	180
ataagggcat	ttaccacatc	ccaagggcta	atttctcatt	taaaaaatag	gggcggtcgc	240
ggtggctctt	gcttttaatc	ctaatacatt	gtttttttta	tgccggaggc	tcaggaacta	300
aagtggaaca	aaaacaatcc	ccctttcaat	atagaaatct	ttag		344

<210> 226

<211> 346

<212> DNA

<213> Homo sapiens

<400> 226

tacaggctga	gagcagaggg	tgaagtaagg	ggagttctaa	tctttgggtc	agttgccctc	60
tccctgtgtc	atttcttatg	aaatagaagt	tatgctattc	ccaaaataca	tacagcacta	120
ggcaaagtgt	taagaagcct	agattttgcc	agaaaccatg	tggagtttgg	agcaagtcac	180
ttctactaac	tagggcttcc	tccttagctt	ataaaatgga	aggggtagac	cagatgaaca	240
tgaggtcttt	tttctcccc	ctctaagagt	aaattgtctc	aacaatttta	caaggtgttt	300
acaaaacaat	acacattcac	ataaaggtga	tgtatttata	tctata		346

<210> 227

<211> 317

<212> DNA

<213> Homo sapiens

<400> 227

gagcagactg	aacaaatgat	gtgagaatct	cttcagttcc	aaccaagtgg	cgggaaccag	60
ctaagagtgt	ggtactgctg	aggaaaattg	atgggcagtt	ggtaaaatag	gtgtgaatga	120
gagaaagctt	tgttggggaa	ccatgggtggg	tatgtgggca	cgttctacac	tactacaagt	180
attgggaatt	cccaggggga	acagcaaaat	cttgtcttat	ttatgtttaa	ttttaaaaaa	240
ttcccactgg	gtgcagtggc	tcacgcctgt	aatcccagca	ctttgggagg	ctgaggcagg	300
cagatcacga	ggtcagg					317

<210> 228

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 228

aagggtttct	ttttctccct	ttttttcttt	ctattgttat	tattttttta	ctgagggttt	60
tgtagctttt	taatcttgtg	gaactcagaa	actcccatta	atacggtttc	atagaaaata	120
gtcgtacaaa	tttgtctttg	catcttctct	gcagaagccc	ctttgccaga	tgaattcaca	180
gagtgttttc	ttttggaatc	cttaggctag	gcttacttat	ttgtgatatt	tgagtatgag	240
tttgntttcc	cactagtata	ttacaacttt	gagggccagg	agctgtttta	tgaatctttg	300
agggccccta	tctcataact	gcgcgggttc	tttattttga	tggcacattt	g	351

<210> 229

<211> 346

<212> DNA

<213> Homo sapiens

<400> 229

ttaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccagg	tgtggtggtg	60
ggcgctgta	gtcccagcta	cttgggaggc	tgaggcagga	gaatggcg	aacctgggag	120
gcgagcttg	cagtgagccg	agattgcgcc	actgcactcc	agcctgggtg	acagagcaag	180
agtcctctc	aaaacaaaac	aaaacaaaaa	agaaaaaaga	aaccaccacc	aaccaacca	240
acaaaaccca	aaaaaccca	agtaacggag	gtggccgagg	gagctgggga	tggggaggga	300
gtccaaacac	ctgggagcta	gaagtttctg	aaaactgtaa	gtcttt		346

<210> 230

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 230

tgtgtgtgtg	tgtgtgtgtg	tccaagggg	tgtgtgggtg	tgtgtgtgtc	ccaaggtgtg	60
tgtgtgtccc	aatggcagcc	tcagggtaaa	ctgagcaaa	aatgaatttt	gacattgctt	120
gggagagcag	aaaaggttct	atgatgagga	tgcaggtctc	agacattcca	gcataggaca	180
gatgagccaa	ccttaagtcc	cagacagagt	ggaggagagt	ctattcccgc	ccctaccctg	240
aggctgattg	tcccagttcc	agaagggact	cccaggaaaa	tccagcctgg	agaggctgcg	300
cccggagcaa	ttaataacag	gacaaggcca	gcgagtgggt	ttgcttn		347

<210> 231

<211> 238

<212> DNA

<213> Homo sapiens

<400> 231

aacatcactg	gctcccat	ctctgacata	ctaccaacat	ctgttcagtt	ctaccactta	60
cattacataa	aaaccacta	gttcccaagt	tttgaatgta	catatgcata	caggcacaca	120
tgctcgca	catatata	catgcacaca	cacatata	caatattata	caattgttta	180
gggatttaaa	aagcattccc	tggccaggca	tggtggctcg	gcctgtaatc	ccagcact	238

<210> 232

<211> 376

<212> DNA

<213> Homo sapiens

<400> 232

tactacggtt	gcgacatgac	aacagacagt	ggtattctct	tacggacgac	aggtgccctg	60
ccgcgccaac	aacgctgtat	cacctggagc	tgtgataccg	ccgatttatc	tgcgcgccgc	120
atagcctgcc	gtccacgggg	tgtcagcgag	attggaatat	atTTTTTgca	cctcgcggac	180
ggcttgggag	agtgaagatt	atcagcttta	tctttccaaa	tggagacaag	tatgtttttc	240
tcctctgttt	agatggtgac	tgtacaagaa	catcttctgg	aatctacgag	agaaatggaa	300
taggtattca	taccactcct	aatgggattg	tctacacagg	aagcggaaag	atgacaagat	360
gaatggtttt	ggaaga					376

<210> 233

<211> 345

<212> DNA

<213> Homo sapiens

<400> 233
gagtcccaaa gtggccatgt tacatgtgat ctgtgacata tacgatcaga tgttacctgc 60
atcctagggt cgcttggcat gcccatgagt gacgcttagg accgtgcctg gtgctgggtgt 120
gtggacaatg ctggggccagt ttgcccagggt ctatgcctgc cacctctact tttatttcac 180
cctctggagg cggacgcatt ggaaagcatg tggggcagga ggtgaggaag gaaattcaga 240
caagctgagc agagcggcca ggactggaat cttgggtgcc aaccgcaag gtggggaaac 300
tgatttccat ttcccagtaa ttacaggtca ataccacacc tgaag 345

<210> 234
<211> 291
<212> DNA
<213> Homo sapiens

<400> 234
tacggctccg agacgaccac agaagggagc ctgggtgaca gcgagactct atctcaaaaa 60
aaaaacagat ttctctccta tgagagtttc tggccttga tgcctgactt tcctcttctg 120
aaacatcaag ggctttttaa gagggatgga gctgactgcc tggttctgag gcatgaacga 180
cactggtagg tgagagcaag atggtacaga ggagttcaaa tttgggtcca ccatcctggg 240
ctccgctgca tagtgtagg cagtcaactga gctggttcct tcccaccaca t 291

<210> 235
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 235
tttctcttgg cctaatatcc tggctagatt ttggcagttc cccactctag gggcaatgtc 60
tttccagcct gcacctctga ctccatagctg gatggatgac ttcaggatac acaatagaat 120
cattcctgtg acttatctgc ccacagtcct aaattcagtt gcaaacttct cctgaaaggc 180
tgtttttgaa taatgacagt gactggactc accttgcctc tctgcatact attaatccc 240
ctgccagtca atctcccttt ttttgggtcaa agtatagttg tatgtatatc gatctctggc 300
ttagtcccat ctctttcttt cctccacca gntctgtcat taaatgtaga g 351

<210> 236
<211> 371
<212> DNA
<213> Homo sapiens

<400> 236
ctacgcttgc gatgagacaa cacaacggac tgtcacacac gcacacacac acacacacgc 60
acacagtcct ttaccctctg cttagagtgc ccctctcct gcctgtacag atgtctgtgt 120
tatttggccc catcaaatag gtgaattgag ttgttcatta agggagggga agagctcaga 180
tttttaagtg attatatatt tgttttgagc acagacattt cctaggaagg aaagtgtttt 240
tggtaatgga ccacggaatc aaaacagatt actcactgtt tctgtccatt agcgcatatg 300
atggggagca cctcaaagaa gtttagtcag agggataggg gctaaagcat tacattcatc 360
ctgaaaatgc c 371

<210> 237
<211> 350
<212> DNA
<213> Homo sapiens

<400> 237
ggcggcgaat gtggtgagtg ctcttgggcg ccttctccca acgtccctgc cagactcgcc 60
tccgggctga ttctccagtt ggtttcctgg actccagagt agctgtccgg cctggccccg 120
gaggtgcaaa gtaagaaaat tgaagtcaaa gaccatggga gatacagcaa gaccttattt 180
cgtgaagcgc actaaagacc gggggactat ggatgatgac ttcagaaggg gtcaccccca 240
acaagattat ttaataatag atgaccatgc taaaggccat ggcagtaaaa tggaaaaggg 300
ccttcaaaaa aagaagataa caccagggaa ctatgggaat acccccagag 350

<210> 238
<211> 352
<212> DNA
<213> Homo sapiens

<400> 238
aggtactggc tctcagagag catctctgga tttgccagg accccaagtc catggcactt 60
tctgccatga gggaaggaca taaagacttc tgaatagctt ttgctaccag ctgatcatac 120
agccctaggg tcttcagcaa acacagctag tagccaaacg gtggttacaa cgggcttttg 180
gcgagactca gtgctttact gacctcaggt ctgaccacgc acagtcctag tgggtggtgg 240
cacaggggta attttgtcac ccacaccca gctccaggca ggttggcaca cacagagaga 300
gtttccattt agggggagaa agtaaggaaa tagaacaaga gcctctgcct gg 352

<210> 239
<211> 372
<212> DNA
<213> Homo sapiens

<400> 239
ggctcagctg attctgggcg ctggatgggc ggccctggca ttaggtccag atttgggtcc 60
taagtactgt gcccaccgg cccgagggga agggggagga gacaggaacc gcgcccattt 120
tccggatcag gttcttggaa ccagcccga aatcctggga ctcaatctgg gggccagatc 180
tggaggcgat ggtttttcta gagacgggct gatgcagccc cagtatgccg tcgcactcat 240
ttccacatt ccaggaaacg tccaggtctg cccttcacgc gtttgggaac tccgagacga 300
ctccctctct ccacaactgc aggggtgggc gcgctctgaa aacctggcaa agcgaagggg 360
gtccctcaga cg 372

<210> 240
<211> 363
<212> DNA
<213> Homo sapiens

<400> 240
cgtccgtatc atgatgtcaa gatatcgaga ccttctgtgc taacacggcg aaccaccgtc 60
totactaaaa atacaaaaag ctatccgtgc gtggtggggg acgcctgtgg tcccagctac 120
tccagaggct gctgcaggag aatcgcttgc accaaggatg cggttctttg tatgagccaa 180
gatcacacca ctgcactcca gcgtgcatga caatgtgaga ctctgtctca aaacaaacaa 240
acaaaacaaa acaaaaaaac gagacaaggc cattcccccg ggacaggcgg tgagagtggg 300
gagtatccag aacacagccc cttccttggc cccaggccct ggcgtcggga gtaactgact 360
tca 363

<210> 241
<211> 335
<212> DNA
<213> Homo sapiens

<400> 241
aaagatgggt ccttaccttt tgtaatgaaa tatagaaaat acttattgtg actttgcagt 60

agttaaacat	agaaataaaa	catattttgt	acatagatca	gtggttggat	agactattta	120
tacatgatat	gaaatattga	tgacttataa	aagagaacgt	atcagtgtga	tatgtattga	180
gacatggagt	gagaagcttt	attaaattta	aaaatgtttg	aagaatagt	tgtagagtgt	240
acttataaaa	ccaaaacaaa	acaggagaca	aacagaaaaa	gcatacctat	gtgttcatat	300
atttgaaaat	tcttccatga	ctgtaaagaa	aactg			335

<210> 242
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 242						
actttacact	aagctatggc	aaccataagg	aggcaagggc	tgtgatgtga	gtgggtcttc	60
agctaagcta	gagctgccgg	gcacatagca	tgaggctgat	gctaccgtga	gactgtgtgg	120
aggccacac	agtccaagat	atgcacagga	gtctcataag	attaatttac	aaccaagaat	180
taccaagct	tggtacaca	ccaaaagaa	ggcagagatc	caaacagatg	tttgtacatc	240
agtgttccta	acagcatttc	tcacaatagc	caaaaggcag	aaaccactga	agcgtcttat	300
cgatggatga	tggtataaga	aaatgtggta	tatacata			338

<210> 243
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 243						
gccccttcgg	attctttcta	taagcaaatt	gcgcttggga	cataggcttt	gaatgctttg	60
agagaacctc	tcttcataag	tggaataaaa	atcatgattt	aattgtatca	aacgcattat	120
ggataatcta	tggtatttaa	tgaatcaata	ggtgaggctg	agttggtaag	aagtgaacgt	180
tacttctgca	tttaaaaaaa	tacatttaac	tcaataggaa	gtaacagatg	agtaattgga	240
aaacatttta	aacttgatca	taaagaaata	aaaattggcc	atgtgcagtg	gctcatgtct	300
gtaatcccag	cactttggga	ggtaaggcgg	gcagatn			337

<210> 244
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 244						
tgcatatagt	ttttgtctta	atcagtggga	tgagtcttaa	ggtaatttat	tgagaacaga	60
gaagggagga	taggttgaca	aacaaacatt	ttcaagtgtt	gtattttgga	aactttatta	120
aatgcctact	caatatcagt	atgtgaattt	taccacacac	aatgaaccta	ttcaatagaa	180
attttcttaa	ttactcaacg	taatacacat	gcacatgcgc	acatgcacgc	acacacacac	240
acacgcacat	acacacaaac	ataacccagc	ctccactact	taagatgaga	gtatagtcta	300
gttaaccagg	aggttatgag	agttcagata	aagtttgtct	t		341

<210> 245
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 245						
tacggctgct	agaagacaca	gaaggggtcca	aggaagtgcac	ataatcaatc	tgagctacat	60

tttctcgcta ttaatctggc agtgctatat ggaaaggaag aaatgggggtg tgggagtata	120
gtagaatta tattattgtg gcttaaggct aaggaaacaa tttctgacac tggttaaggga	180
caaaagggtat ggaaagaggt tgggaaggac attattgcag aacaatcaac aagattagga	240
attattggga actgggccac aaggtagagg aagaaagaat gataagtgac tctgaggctt	300
tgagcttggg tggctaaaaa tgtatagcac tggaacacag cttttactac gtgatcgctt	360
gtcgag	366

<210> 246
 <211> 122
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 246	
ggtccaatat ggcggcgccc agtggcggtg tgaactgtga ggagttcgcc gagttccagg	60
aattactcaa ggtgatgagg acaatcgatg acagaataat acatgaatta aacactacgg	120
gn	122

<210> 247
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 247	
tttctgtctt attcactgtt cctcctcaga ttcctagaac tatgcttagc acaaaagagc	60
tgctccataa ctatttgttg aatgaatgag tgaatgatta agtaaataag tgcggtcctt	120
ctttcctctg gggcccatt tgctagcatt gcccagggtg tgtaactgc ttgagatttt	180
ccttgtgaca gcacacagtg tgaagggaag agaagaggac tgcagtcact gtgtccattt	240
agttcttggt aaagacttgg ggctgggcgt ggagggtcat gcctgtaatc ccagcacttt	300
gggaagccga ggcaggcgga tcaaaaggtc gggagtn	337

<210> 248
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 248	
ttctagtaac ttgtactttc cttaccaatg atctctttcc tgcgctaagg gttaacttaa	60
acttatctca aagttaattt ataaaaaaaaa gtttgccctga ttcaccttat taccaatatt	120
gttaccatta aaatcagtag taacctggta ctcaattact ctgattagtt ttcttatatc	180
tagagttcac aaaaaacgtg agtgactgcc tgctccttaac tttccctac atatgcctct	240
tcattatggc ttctgagtga actgtagaat tgctatttta caagtgatgt gaaaacttgt	300
gcagtgtaca atatgtatgt cacacaattt tacaacatan	340

<210> 249
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 249
 aacacaccca caccaaagca catcaagaaa ttcaaggatg cctgagaaga aaataagata 60
 ttacaagctt ctagaaataa aagaatgttc ccatacaaaa gatggagggt tgaaatcact 120
 ttagactttt aaatagtaac aatggaaata agatacttga gcaatgcctt ccaaaattct 180
 gaaggaatat tattttaaaa ttagaatttt atagccagcc aaactatcat cagctgtaac 240
 agtaaaatga aaatacttta aggtctgggtg ccgtgggtca cacctgtaat cccagcactt 300
 tgggaggcca aggcagacag atcactagag ctcaagaan 339

<210> 250
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 250
 aaacctcgct tctactaaag atacaaaaaa actagctggg cgtgggtggca tgcgcctgta 60
 atcccagcta tttgggaggc tgaggcacag aatttcttaa acctgggagg cggaggcttc 120
 agtgagccaa gattgcgcca ctgcgctcca tcctggggga cagagcacga ctccatctta 180
 aatcaaagca agaccaaaga tggcatagaa tccttccttg aaccttgccg agaggaaga 240
 gtaacattaa cttcacacgg gccactctgt tcaccatctt tgcttcaaaa agagcctacc 300
 ctggaaggcc cgccccgga aaccggattt tggggtc 337

<210> 251
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 251
 aggctggtct ggaactcatg gcctcaagcg atctgccccg ctctgcctcc caaagtgtgtg 60
 ggattacaag tgtgagccac cgtgtccacc ggggaaggct tttggtcaga acaatggctg 120
 gcaaaaccac aggcacgga aggccagagc tagggatata atataaatgt ccctacagtg 180
 taacagatga tgctacataa agaaaatccc gtaatacaca cgatttctga atgtcctgct 240
 gaacattcgg tgagtgaaaa ctaattatct gagagttgaa cctatctttg ttaataaaca 300
 caaagcggcc gggcgagctg gctcacgcct gtaatcccag c 341

<210> 252
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 252
 gtattttatta agtattttacc ctgaaataag tactgcacga agcatattca ttcagtattg 60
 tccagttgct cttagcatga agtcactggg gtcaccttga tggcagtgat gagacaaatt 120
 acttgtttca cctctttaaa catcagatag attgctgggg acaaagagac agcatggctt 180
 ccaaccatta cacaagtccc ccttctgcag ccaggatcat gtctaggatg atgcagttat 240
 ggaagacagc atgctgagtt tctattaatt tgatgaatca ccaaattgag accagtgggtg 300
 gtggtgtcca gggacaaagt gaattgcttc agcag 335

<210> 253
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 253
 cccaaagtgc tgggattaca ggtgtgagcc accgcgcca gcctctgaat tactttttctg 60
 cttactcaaa gattagcctg tattgcggtg ctcaactaaa tccagttgca acattacaaa 120
 ccagccttat atatttggac atgtttactg tttaatgtac cgtaaaaata ggaaatttgg 180
 gttgggtgca gtggctcacg cctgtaaccc cagcactttg ggaggttag gcaggcggat 240
 cacctgaggt caggagttcg agaccagcct ggccaacatg gtgaaatacc ctctccacta 300
 aaaatacaaa aattagccgg tcactggggg gcac 334

<210> 254
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 254
 ataggtaa ataatagca ccaagctttt gtttaagcca aaaacctgag aatcacccctt 60
 acttcctgct gaaacctcac attctacatc tagccactga aaaagctgct ttgcattatt 120
 ttcaaaatac attccctagg gccgggcgct gtggctcaag cctgtaatcc tagcactttg 180

<210> 255
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 255
 acctcgatag aggtgagaaa ataaggcggg accctcta attcattgga catctgtgca 60
 cagtactgtg gtagccctt tcacatagtt tacattcctg gaatcttcaa aagaatttat 120
 agaattgctc ttacgccttt ttttattgat ggaataaaac agataagaat accaaagaag 180
 aggctgggtg cgggtggctca cgtctgtaat cccagcactt tgggaggccg aggtgggcag 240
 atcatgaggt caggagagcg agaccatcct ggctaacaca gtgaaacccc gtatctacta 300
 aaaataccaa aaaattagcc aggcattgat gcgccac 337

<210> 256
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 256
 agtacaccaa aagagagaag gaggaatgaa acttaatat cacctgttaa aaccattaac 60
 tacaaacctt cttttttttt ttttagaagg gggggtcggc tttaatcca aagggggggg 120
 ggaggggggca ttaatggggg ggcggaaaac ccaatttgcc ggggtgaaacc ctttctatcg 180
 ggctaaaaat tccaaaatgt tggaaaaagg ggggcccccc actccacccg gataatattt 240
 tggatataaa agaaaaacgg ggtctacggg ggggaaccag gggggtgagg attctgggac 300
 ctatgggaac caccctccta tatcccaaaa aggggggggta ag 342

<210> 257
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 257
 tgatccagta ccactagtag tgacaataga acccaccat tgttctaagt gacaacacac 60

tgatgcaggt	actattat	tctcaaaca	ttggaatata	gtctaatttg	ccgacagctg	120
caaagcagca	gagccaggat	tcaaaccag	gcagtctggc	cccagagtgc	ctgcttcaaa	180
tactacatc	tcttctctc	ttatacttat	tcatcagtag	atgcctagat	gtggggcttt	240
acacttcagc	agatactaag	agggccatgt	accaagcgcc	aagtactgag	gaatacaaac	300
ataaatactg	cttgagggcc	aggcgcggtg	gctcat			336

<210> 258
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 258						
cggggatgcg	gaagtacgca	ccacagccat	catgcaaggc	tattgatgct	ctattagaga	60
ggaatgtgca	gactgtgaca	cactttttgc	cattatgacc	tgctgcctgc	aatgtgtcca	120
cgacgcctgc	atacacttta	tgtttcagat	gcacagcgag	cagggggaga	gatctgggtc	180
tttgaccact	atcttgagca	gctgtgccag	ccccaggctg	catccacttc	ttgggtattg	240
gaaggacaaa	gccctattta	cagacaagtc	tctattccat	gcagcttaat	gcaatcctga	300
ctcataaagt	acctccaaac	caccgctccc	cagttgttcc	atgg		344

<210> 259
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 259						
ggacttcctt	ctgtggctct	gtcagaact	ggcgggtttt	cccagctcct	tgcccagacc	60
aatacttcca	tgctgtcttc	aagccctgct	tcttgcacat	ctcccagccc	agatggggag	120
aacccatgta	agaagggtcca	ctgggcttct	gggaggagaa	ggacatcatc	cacagactca	180
gagtccaagt	cccacccgga	ctcctccaag	atacccaggt	cccggagacc	cagccgcctg	240
acagtgaagt	atgaccgggg					260

<210> 260
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 260						
actactactt	ttcatgcaat	acttcacata	caacttgagg	gttacagaat	ccagattaag	60
cctctgttct	ggaaggatta	tcacagaaac	ccacatttac	ttatttcaga	gggggtcatc	120
tgcttcccct	ctgccctttc	tctaataaaa	cttcaaaaaa	acagaatatt	gtcaggccgg	180
acgcgggtggc	tcatgcctgt	aatcccagca	ctttgggagg	ccgaggcagg	cacatcacct	240
gaggtcatta	ctgacttcta	gaccagcctg	gccaatatgg	agaaaccctg	actctactaa	300
aaatacaaaa	attagctggg	cgcggtggca	tgg			333

<210> 261
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 261						
agaatgtctg	ggtcactccc	agggtgtaaa	attagcacag	cccagcatcc	tcacttaggt	60
gagggacagg	gacgtcgagt	cacctggtaa	gactccctgc	aaaagaacaa	aagtggccac	120
ctgcttaggg	ctggtgaaga	agctgttaaa	gtggatgagg	tgctgtatat	agaattataa	180
attgtgtcat	cccaaggaga	acacttaaac	aaaaagaatt	ttcagtccac	tgtaaaaata	240
tgaggaggca	agttaaattg	gataactctg	gaatgggtag	aaagatgtca	taataacgca	300
cacatgcaca	cggatactcc	caccactgag	tgttaccce			339

<210> 262
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 262
 ggcagtcact gagctgggtc cttcccacca cattgggggtg ctcttgcttg gcttgctgt 60
 gttaggcagt cactgagctg gttccttccc accacattgg ggtgctcttg cctggcctgc 120
 ctgtgttgca ggggggcggt gtcagaggag acaacatgaa agtgctggga aagctggata 180
 caaacacaag ctgttggttc taatcaaagt taaaactggc tttatgctaa aggagtcttt 240
 agtgctctcc aaaaaagtga gaacagtatt tttccagggg cttctatgac ctgctgacct 300
 ttcttccaag acatccgtga gatttttctt attagag 337

<210> 263
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 263
 gagaccaata cttccatgct gtcttcaagc cctgcttctt gcacatctcc cagcccagat 60
 ggggagaacc catgtaagaa ggtccactgg gcttctggga ggagaaggac atcatccaca 120
 ggctcagagt ccaagtccca cccggactcc tccaagatac ccagggtccc gagaccagc 180
 cgcctgacag tgaagtatga ccggggccag ctccagcgct ggctggagat ggagcaatgg 240
 gtggatgctc aagttcagga gctcttccag gatcaagcaa ccccttctga gcctgagatt 300
 gacctggaag ctctcatgga tctatccaca gaggagcat 339

<210> 264
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 264
 acattccgtc tccagacctg gcattcttac tcacagctaa gcaagaatag atggttactt 60
 tgcaaaccat caagtactat acaacataag gtaattatga aagtcagaga gagtatatga 120
 cttctatagt tccacaactg attactcaaa tacaagaaca gaaccagttc aacctatatt 180
 ccacagactt cttcgtcaat caaatgagga tgatgtttcc tattacaggc caccaaacat 240
 tttagtaagt atgtaaataa tgacaaaagt gtatggccag gccgggcacg gtgggtcatg 300
 cctgtaatcc caacactttg ggaggccaag gcaggtgg 338

<210> 265
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 265
 tacggctggt agatgacgac agaaggggtgt gtgagagtgt gggttgtgtg agatacatgt 60
 gtatgtgagt gtatgagtgt gtgagtgaat atgtgtgtgt aggaatgtgt gtgtaagtga 120
 ccttgtagt gtgtaatgag tgtgtgtgag ggtgtgagag tgtatgagt agcatgtgag 180
 tgtgtagtgt gtgtaatgag tgtgtgctgt catgcatggg catgtgagt tgtgagtaca 240
 agtgagtgtg tgagtgattg taagagtgtg tgatgagtgt gagcatgtgt gagtgtggg 300
 gattgtatga gtgggtgtga acatctgtgt gatttttggg gtttatgaat gtgggatgag 360
 aattgtggt 369

<210> 266
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 266
 tacggctgct acaagacaac agaagggact acacggtctg tgccggaaca agagtcttgc 60
 tcttgactgg ttaacctgcc ttgaatcagg gcattcaggg agacctcaga caggctctgca 120
 ttgacctatc tccacgcaca aggggcagca ttagttagcc cactgtcctc agggcttcca 180
 gcaatgagac agctctgtca agagaggcac tgaagagtaa aagtgggttg ttgttcaacg 240
 gctttcaatg ggattgctgc tgaacatgag actcactgaa atgccgatgt taatatgttt 300
 gataactcca aatccatcag gcttgctaag gaataagaga tgtccaaggt ttgcggtgga 360
 gaatt 365

<210> 267
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 267
 tgtgtgtgtg tgtgtgtgtg tccaagggg tgtgtgggtg tgtgtgtgtc ccaagggtgtg 60
 tgtgtgtccc aatggcagcc tcagggaata ctgagcaaaag aatgaatttt gacattgctt 120
 gggagagcag aaaagggtct atgaggagga tgcagggtctc agacattcca gcataagaca 180
 gatgagccaa ccttaagtcc cagacagagt ggaggagatt ctattccgc ccctaccctg 240
 aggctgattg tcccagttcc agaagggact cccaggaaaa tccagcctgg agaggctgcg 300
 cccggagcaa ttaagaacag gacaaggcca gcaagtgggt tt 342

<210> 268
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 268
 gagggaggat cacttgagcc caggatttcg agaccagtca gaacaatatg gtgagatccc 60
 cttctctagt tctttcttcc ttattttttt ggcgagaggg ggactgagtc tcgctctgtc 120
 gccacactg acctttattc atacgtacaa aacttcacac agcacgttcc tgagcctgcc 180
 ccacttcgtg gcctacctta acggaattat accaaaccat acctttggac accggcagct 240
 ctaactcaaa actggcagtc acccgttcac cctttttgag gaatgcatcc cacttcaca 300
 ggacctttac cgcgttccat cccctgctc tcgtttttg 338

<210> 269
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 269
 ttgggagtc acagagtgat ggagcctgtc ctgtccttgc acttgatctc cacattcata 60
 gtgtagccct cggccttgac atttaatgtc acaggggtgga ctttcttttc cacattgcag 120
 atcaaattaa agttcgcac tccttgctgc tttggagtga agaaaatata aattgggaac 180
 ctggttgggg aacaaaacag cagattacct gactaggcca acttgtcaaa accttaaaaa 240
 atatgagcct actgaattag cagattcatt acgaggaaaa ggaaactcca aattatgatg 300
 acattttaag atttgtggct atagtaacca aaacagcgt 339

<210> 270
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 270
 atggccctac ccaactgctgc tttggtccag gagcattgat gcttctcggc tctcctctct 60
 cccctaggcc tgcaggacaa gctgaacaag agggactaag aggtgacagc cttgacctcc 120

cagaccgaga	tgtcatggc	ccaagtaagg	ggtaaggctc	cctcccgtag	ggcagatgcg	180
gggggctttc	actggggccg	tgccattcag	ctgccaatta	agcatggagt	gggtcagggc	240
ctggcttagg	gtcccctccc	cgactctgct	ttgagaagaa	aagggtctggc	tggtcgcggt	300
ggctcgcgcc	tgtaatccca	gcactttggg	a			331

<210> 271
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 271						
cttctgttgt	agccctaggc	aatctcgagc	cacagagacg	tccccgctga	cgagaaggaa	60
gtcctacgac	cgagggcagc	ccattaggtg	agatcatgtt	ctagaatctg	ctccagagtc	120
accaccagtc	tagttcttgg	ttacatgagt	ggctatgatg	ttctgctctg	ttgatcatct	180
tgtacacagt	gtaacctggg	ccagcttgac	tgagccattc	aggttcacc	agtgg	235

<210> 272
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 272						
gctgtcgacg	tggtcttccg	gtggcggagc	ggcggattag	ccttcgcggg	gcaaaatgga	60
gctcgaggcc	atgagcagat	ataccagccc	agtgaaccca	gctgtcttcc	cccatctgaa	120
cgtggtgctt	ttggccattg	gcattgttctt	c			151

<210> 273
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 273						
gctcataaaa	ctgctgatag	gaaagagtta	taggtctcac	tgttcaagag	gcttggggtt	60
taaagtcata	ttagcctcaa	gagataaggt	cttgggggtcc	ttaagagtcc	agtgggttaga	120
aatgagatgt	ctgcagttag	acctcttaac	atcatcacgg	atatatttgt	gtttaatccc	180
agcacttttg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttaa	gaccagcctg	240
gccaacgtgg	tgaacccca	tctctactaa	aaatacaaaa	ttagctgttt	gtgggtggcgt	300
gcacctgtaa	tcccagcaac	ttggg				325

<210> 274
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 274						
gaaagtctac	ggagcatttt	ctggggaata	taatttttaa	ataagattaa	atatcacata	60
aaataaatac	aaaactagat	agtaaaattc	tgaaaaaaa	aaagaataag	cctgaccaga	120
tactacactg	aattgcaaaa	tcattgatat	ggttggaac	aggggcaaaa	aaagcagaca	180
tgtcaattga	gtaaaataga	gcatactgaa	ctagggtaaa	ctcacatgag	aatttaataa	240
ataataaagg	gggcttttaa	atgaggggga	taaagaagaa	ttatttaata	aaggggggtt	300
gggtcaatgg	gctagccatg	gg				322

<210> 275
 <211> 135
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 275
 aaactctggt ttaggataag tcactaatat agagatagct agttcaattg tgtctggctt 60
 cctatcacat cactagcact tagtacagaa ttggggctct aaaaatattt ggcaatgatg 120
 acctgtgttg ctttn 135

<210> 276
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 276
 gaccaaata caagttcaat gaatgacgca gcagctctga gaggaacata aggaaaacac 60
 ccaagccgga gtctctcaca agcttgaatg tgtgttctgg agctgaagga tgcacgggtg 120
 ttaagccctt gttcttttcc gttgtttaat ctaatgttct ttggaataaa aacctccctg 180
 ccaagtagta cttgggtttta tgctcaacat gctttgactg ttgaaaagag acctttggca 240
 cacattgaag ggatgggtgat ggagatgcc aatccatggaa tcaggtggca cagctatgtt 300
 ggtagctata gcagaagtct tcttggg 327

<210> 277
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 277
 tattaataat gctaaacact taccagcttt gtaacttttag ctatctatca ccattgagtt 60
 gtttcttaat ctataaaatg gtggtaatcc ctacatacgac tgtggaactg atgaaataat 120
 atggcatatg taaacatttg gttcaagacc tgctacattg gatgaggaat gtcaacagta 180
 aagtaaaatt ttgatctttg agtgtgtagt gagcttgta ttgcaactttc tgtggattct 240
 atttgacact cataaagaaa aactctaggt ttaaaaatgg aactaggcca ggcgcagtgg 300
 ctacacacta taaccccagc actttggg 328

<210> 278
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 278
 atttgtaact cacagggcag aataacagct ctgagactca atttatctgg aggagattca 60
 gcacacctgc ttctcttttt ccaactggcat ggctcttggg gcaaatttgt atttatgtaa 120
 tagttagaaa ttaaacatca gcaccaacgg aaaaatattc aacgcccttt attaaacatc 180
 aaacaacttt gtcaatggga aaagctgccc caactgggtt agatcttacc tttcaacatt 240
 gttgtcaaag tacctttcca ctctctggta atgtctttga gagggtttgc ttattggacc 300
 tacaactatc ttcccgatg gagttgctt 329

<210> 279
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 279
 cggggcgtga acccgggagg tggagcttgc agtgagccga gatcgcgcca ctgcactcca 60
 gcctgagtga cagagcgaaa ctctgtccca aaaaaaaaaa aaaaaaaaaa aaaaaaggg 120

ggggggttttt	ttcgtaaacc	ccaacgtgaa	aaaaaccttt	ggggggttgg	gcacaccccc	180
ccttaaaggg	gggggaaaaa	aaggcttttt	ttggaaaatt	gggggggctt	ttgttttttt	240
ttgaaccctt	taaggcggca	aaaaacaggt	taaccaccac	ctttggtttt	tttttagggg	300
gga						303

<210> 280
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 280						
gagccaccac	tcctggccca	aagtcaatac	attttaaaaa	aaaacctctc	cagtggctaa	60
gcccagcatt	gttatatgat	taataaataa	aatattgaca	togaggggtg	acaaacctag	120
tactttttcc	tgaaatcttc	agtgtgtgtc	gtgagtatat	ttgcactgtt	atgtaccagc	180
aactgtgcac	ataacaactg	gtatgatcaa	taagacatag	tcctcgccag	ggccaggtgc	240
agtaactcat	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggcaga	tcacttgaag	300
tcaggagttc	gagaccggcc	ttgccaag				328

<210> 281
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 281						
gtagaagcta	tatgttggtta	ttgtattgct	atztatctac	ttaaataact	cttactgtag	60
tatgtattgc	tcaaggacag	agattgtgtt	gctcatcttt	gtgttatccc	acttagcata	120
gtttctaagc	aaatagtata	gttctttcat	atatgcttat	caagtaaattg	aatttgactc	180
tacctcctaa	tgaactattc	agaaattcat	gtttacgatt	ttagcaatga	gaacaccaag	240
acttagcaat	agagtatcaa	agataatata	actagggagt	agatctaaaa	taagaaa	297

<210> 282
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 282						
atccacgtga	tactaagtgt	aaacccctac	gcttgtaact	cttactcaac	cattaacgac	60
cgcaacaaag	caaattaaaa	gaacattacg	attccagcaa	cattcagggtg	aacatgaatg	120
tgtctttcac	tgttttactg	atatggaatt	gctacaacgt	gaaggctctg	actgttagtg	180
gccacccac	ttttgagttt	aagcaaaacta	gattcacttg	ctgtgggatg	acctgatgct	240
cttctgccac	ttttcaaata	actacaaagg	ctttgtt			277

<210> 283
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 283						
ggaaaggagg	tagaaggatg	agaccctaac	acctggtttc	tccttccact	tcaggcattt	60
gtcagattct	tggactgcat	tgagtagggg	aataagaagt	tgggcagaaa	tcccctaaca	120
tatgtcctgg	tttctcaggg	ctaaagagga	aaacactgaa	tttcaaggcc	caaccaagtc	180
aagggccccc	ttagtaaata	cactacactt	tgggtgggtg	gacctcaagg	tccacaccta	240
aggtaacatc	aaggcgatcc	agaagtagat	cttaaatgta	gctcaatctt	ggctgggc	298

<210> 284
 <211> 326
 <212> DNA

<213> Homo sapiens

<400> 284

agagacaggg	tttcaccatg	ttggccagga	tgggtctcaat	ctcttgacct	tgtgatccac	60
cctcctcagc	ctcccaaagt	gctgggatta	caggcatgag	tcaccatgcc	tggtccacag	120
tgacctttaa	aaggaaaatg	ggagggacct	acctcggagg	ttgtgcagaa	aatgttggct	180
tccccagcac	tagggtttgg	ttccctccta	ggtcctccca	cagctgtgct	ttgacacata	240
agcagcttct	attaaaagtgc	ctctttaatt	tgtctgtcat	tgccaccaga	ccacaagata	300
ctttggggca	gggctgtatt	tcattg				326

<210> 285

<211> 328

<212> DNA

<213> Homo sapiens

<400> 285

gtatttatta	agtatttacc	ctgaaataag	tactgcacga	agcatattca	ttcagtattg	60
tccagttgct	cttagcatga	agtcactggg	gtcaccttga	tggcagtgat	gagacaaatt	120
acttgtttca	cctctttaa	catcagatag	attgctgggg	acaaagagac	agcatggctt	180
ccaaccatta	cacaagtccc	ccttctgcag	ccaggatcat	gtctaggatg	atgcagttat	240
ggaagacagc	atgctgagtt	tctattaatt	tgatgaatca	ccaaattgag	accagtgggtg	300
gtgggtgtcca	aggacaaagt	gaattgtg				328

<210> 286

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 286

ggcagcatga	atcataattg	tcaggaaaaa	cttcatagat	tccgctatag	tatctccggg	60
attgtatcag	gacaatctat	aagacatttg	gagctacacc	agttgaaagg	tattgggtca	120
gtcagccccc	ttattcagtt	ttgtaaatta	gggggccact	tgaagaaaat	tctatggttt	180
atgctaatac	acatgtagct	gaaaatataa	ttacatttaa	aatctgttga	atttaaattt	240
actacagttt	tttttaaaga	tcattgctatc	cttcagtcag	tcttgacagca	attttccaac	300
tcaatgtaga	actaccaatg	aaaagtgn				328

<210> 287

<211> 331

<212> DNA

<213> Homo sapiens

<400> 287

tgagcttttc	attacattgt	tgaaagatga	agaacgaaag	ctacttggtg	atcagatgag	60
gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggtttagctc	tctagtcggc	cagccaaaat	gttggcatgt	tttgcccctc	tattcaaatt	180
aaccttgaaa	tatatattgag	gattctctct	tgttttaatt	aacacttggtg	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcagttatgc	tctggagctc	300
tgccaagcca	atgattagta	cagattcagt	c			331

<210> 288

<211> 329

<212> DNA

<213> Homo sapiens

<400> 288

agttttcata	ttccttagtg	ttatcacact	ggcgcactta	ctgttttacc	attttccctt	60
ccgatttcat	ttttctgtta	gcatttacta	ctatctaaca	tatattttac	tcatttgtct	120
gtgttcccc	tcagaatata	acttcatgag	gggagggatt	ttctattaca	cttagtgaaa	180
agtaaatccc	tcaagtagga	acactacaag	tatgcacagt	ttttttttta	cagtaagttt	240
gcttaatggc	tagtaacta	tctcagccag	tacctgagtg	actattctga	cttgtatcat	300
ttaacaagaa	aaaaggcctg	gcgcgctgg				329

<210> 289

<211> 301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 289

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaatt	agaaaaaatt	agaaaccagg	catgggtggct	catgcctgta	atcccagcac	180
tttgggaggc	tgaggcgggg	ggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtga	tggcatgccc	300
n						301

<210> 290

<211> 328

<212> DNA

<213> Homo sapiens

<400> 290

gaggaagagg	ctgggggaccg	cggcgaaggt	ggtgagtgct	cttggggcgcc	ttctoccaa	60
gtccctgcca	gactcgctc	cgggctgatt	ctccagttgg	tttctgggac	tccagagtag	120
ctgtccggcc	tggccccgga	ggtgcaaagt	aagaaaattg	aagtcaaaga	ccatggggaga	180
tacagcaaaa	ccttatttctg	tgaagcgcac	taaagaccgg	gggactatgg	atgatgatga	240
cttcagaagg	ggtcaccccc	aacaagatta	tttaataata	gatgaccatg	ctaaaggcca	300
tggcagtaaa	atggaaaagg	gccttcaa				328

<210> 291

<211> 326

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(326)

<223> n = A,T,C or G

<400> 291

ggacgttgct	gacggctagt	gaggcttttag	cccgttctga	gcgcccgggg	gcggtaaggc	60
gcgatcatag	cagctctagg	tgaccttggt	ccggctcctt	gcgccccctt	gccccagcct	120
ccttcgttga	gacactattt	gttgagtctt	tcctcttttc	ctggccctga	cctagcgtgg	180
ggcgacataa	gagcaatagc	cgggtggggg	ctgtgagaac	ggctgggggt	gggagcgaat	240
ttcgaaaacc	cggaggacga	gtatagcctt	gcaagatgga	aaatgccctc	ccgggctggc	300

gcggtggcct gtaatcccac ctactn

326

<210> 292

<211> 324

<212> DNA

<213> Homo sapiens

<400> 292

aaaaatccta	acggctcaaa	gaagtttgc	aagggtcagg	aagcagggga	tacacggggc	60
tctcctaccc	gtgtaggagg	caggaagggt	caaagcagag	gccagctctc	ccagactgtg	120
ggggaagggc	tggggggggg	aggcccacga	ggactggcca	cagccaccat	gcaggaacgt	180
cctggtgtgg	cctggcctgg	ctctcacaga	cccaaagctt	ccgtggagaa	tatgtctgtg	240
gttattaaac	agacaggcct	agtggaaaca	accctgccac	ctgcgtgttc	tctgagcctc	300
agtttctttc	tttgggaaag	agga				324

<210> 293

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 293

ttatgcggct	gattaaaacg	tcctaaactt	agattgtggt	gatggttgca	aaaccttgtg	60
actacattaa	aaagcattga	attgcacact	ttgggtgggt	gaactttatg	gtatgtaagt	120
tatatctcaa	taaaaaatgg	tataaactgg	tttattccaa	tggtagactg	aaacaaaatg	180
aaagtgtaac	atattttgaa	cttcaattga	attataaggt	ctttttttta	catgataaaa	240
taatgtgcat	tatagcccaa	atgtaataca	ttattcaatg	atatatttcc	aagaatgctc	300
cttagctcag	tgaatgagn					319

<210> 294

<211> 318

<212> DNA

<213> Homo sapiens

<400> 294

ttttagtgtg	gtagtcaaag	cattaatttc	tcacattgca	atttccttca	aagacataaa	60
tacaaccttt	ctaattgactc	cttggttcac	aagatacctc	ttcaaattat	tctatttgtt	120
tcattcagta	tattatctgt	gtataccgat	attacactct	tttctttttt	tgagatggaa	180
tctcattctg	ttactgatgc	tggagtgagg	tggcatgacc	tcggttcact	gcaacctcca	240
cctcccaggt	tcaagcgatt	ctcctgtctc	agccccccaa	gtagctagga	ctacaggtgc	300
acaccacat	gcctggct					318

<210> 295

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 295

gatgctttgt	accagtacca	aaatacaagt	tcaatgaatg	acgcagcagc	tctgagagga	60
acataaggaa	aacacccaag	cggagtctc	tcacaagctt	gaatgtgtgt	tctggagctg	120
aaggatgcac	ggttggttaag	ccccgtttc	tttccgttgt	ttaatcta	gttctttgga	180
ataaaaaacct	ccctgccaa	tagtacttgg	ttttatgctc	aacatgcttt	gactgttgaa	240
aagagacctt	tggcacacat	tgaagggatg	gtgatggaga	tgccaatcca	tggaatcagg	300
tggcacagct	atggttgtag	cn				322

<210> 296

<211> 318

<212> DNA

<213> Homo sapiens

<400> 296

cttgagcacg	cacacaccac	ttcttcaatg	ggtgtgaact	agtgcattgt	taaccttgta	60
ggtgacaaaa	aggctttgtt	tgtctgcatg	atcatctctg	ggaagcggcc	agcgtcttaa	120
atttgaatga	ggatcttcac	tgaagctcat	acttataatc	aaggagatca	ctgctaagaa	180
cgggaatttg	tcctgcgttc	tgggactaac	atacagagag	catctgattt	cagtcacggg	240
ttgccactac	cctataatga	gagcagtctt	atgtttataa	agaacgaagc	caactatatt	300
ctctgacgga	taaacatt					318

<210> 297

<211> 317

<212> DNA

<213> Homo sapiens

<400> 297

caaaaataaaa	ataaaaataaa	ttagctgggc	gtggtgacgc	acacctgtag	tcccagctac	60
ttcagaggcc	gagggtgggag	gatcacttga	tcctgggagg	tggaggttgt	tgcgaactga	120
tatggcgcca	ctgcccttca	tcctgggtga	cttagtgata	ccccagctc	taaaagtctt	180
catgtatacc	ttatctagga	tgaatggatt	cttatgcata	ctgggcatac	atgtagagct	240
ttgccgcatt	gacctattgt	ttacgaatct	aatacacgat	gtggatcctg	gggctgaaca	300
cttaattgat	tagggag					317

<210> 298

<211> 323

<212> DNA

<213> Homo sapiens

<400> 298

gctcataaaa	ctgctgatag	gaaagagtta	taggtctcac	tgttcaagag	gcttgggttt	60
taaagtcata	ttagcctcaa	gagataaggt	cttgggggtcc	ttaagagtcc	agtgggttaga	120
aatgagatgt	ctgcagttag	acctcttaac	atcatcacgg	atatatttgt	gtttaatccc	180
agcacttttg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttaa	gaccagcctg	240
gccaacgtgg	tgaaccccca	tctctactaa	aaatacaaaa	ttagctgttt	gtgggtggcgt	300
gcacctgtaa	tcccagcaac	ttg				323

<210> 299

<211> 320

<212> DNA

<213> Homo sapiens

<400> 299

gttcaccatg	ttggtcaggc	tggtcttgaa	ctcctgactt	cagggtgatcc	acccgtcttg	60
gcctcccaaa	gtgctgggat	tacaggcgtg	agcccaccgc	gcctggcttc	ggaattgcat	120
cttaatctct	gtggcggctg	ctattttgtt	ttctaagttc	atgagcacag	gtggctgcct	180
ctatctttct	cctccactta	agcaggaaca	attcatgagg	cagactccac	ccaatgctgc	240
aaatcgccc	tattatcatt	gacctgaca	gaatttcagg	agtgtcaggc	cactccatac	300

tggaacacagt acaggggtgt 320

<210> 300
<211> 318
<212> DNA
<213> Homo sapiens

<400> 300
gatgctttgt accagttacca aaatacaagt tcaatgaatg acgcagcagc tctgagagga 60
acataaggaa aacacccaag ccggagtctc tcacaagctt gaatgtgtgt tctggagctg 120
aaggatgcac gggtgttaag cccctgttct tttccgttgt ttaatctaata gttcttttga 180
ataaaaacct ccctgccaaag tagtacttgg ttttatgctc aacatgcttt gactgttgaa 240
aagagacctt tggcacacat tgaagggatg gtgatggaga tgccaatcca tggaatcaag 300
tggcacagct atgttggt 318

<210> 301
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (317)
<223> n = A,T,C or G

<400> 301
ccttgctaac tttatttcag aaagtggtaa aatagctatg gagtacagac ccagtgaaga 60
gattgtagat gtcagatggg aagaagaact acacggttta atataagtat gtggagataa 120
aaactcaaag gtaacagggc cgggcacagt ggctcacacc tgtaatgcca gtgctttggg 180
aggctgaggg gggtggatca cctgaggtca ggagttcaag atcagactga ccaacatgga 240
gaaatggtgg cacatgcctg taatcccagc tactcgggag gctgaggcag gagaatcgct 300
tggaccggg aagcggg 317

<210> 302
<211> 346
<212> DNA
<213> Homo sapiens

<400> 302
taccgctgag agaatacagc agaacggcca tctttctacc atatgctagt aatatatggc 60
tggaatgctg gtatgggaat tactcccctc tttgctgaaa tagttcatct cttgtgtcct 120
tttccccttt ttattcttct attcttctta gcctaagtga tggtgagat tggattcaca 180
agggtgatat tcctactcgg ctcatgtcca cccacaagca gagaggagcc catcatcatc 240
atttgttctg aatctgaac ccaagcacga aaaataactc caaggctctt acttaagctt 300
gagagtctgc tctgtcatgc ggagagtcca ccacctgac tggatg 346

<210> 303
<211> 322
<212> DNA
<213> Homo sapiens

<400> 303
tagttgatgt gcccatctgc cccacctctg cctggctgta cttgtagcta gtacatgtat 60
actatatatg tgcccgactg tttcattgta tgttccagga tggatcatgcc tgagtttttt 120
tttttttttt gggggggggg attctacttt ttttggccgc tttgaagtgc ggaccataa 180
taacgtttta aagcctcaaa attttaacct taaggggatt aacctattta atccttttgg 240
tttgtgggtg cttggtacct gccctaccag gcgggggaat tttttaaaaa ttttttgaaa 300

aaaggggaatt ttaagttctt ct

322

<210> 304

<211> 316

<212> DNA

<213> Homo sapiens

<400> 304

aagttgacct	catcacctca	gaaaatcagg	gataaaatct	gtctttatat	tgtttcaggg	60
acttgggtat	cagagacatt	atttgtttat	caagacctaa	caaaacactt	tcttattctt	120
taaaatttct	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgagaatat	tattaccttt	180
cacagagctc	ttttttaaac	cttgatgtgg	aacgcacaca	gtgtgacacc	atgtgtgcgc	240
cccttcacac	tcgaaacgct	tataggattc	attcagactc	tttttaaagc	acaacattgg	300
ggcagagaaa	gccacc					316

<210> 305

<211> 289

<212> DNA

<213> Homo sapiens

<400> 305

tcacaatgct	ttatatTTTT	cagagaatat	ttgcattcat	tacatcaact	gcaattcata	60
gggattctgt	gagctgatat	gtcattacat	tacttctcag	gtgaataatt	tagtggactt	120
attaaaaaatt	agaaaaaatt	agaaaccagg	catgggtggct	catgcctgta	atcccagcac	180
tttgggaggc	tgaggcgggt	ggttcacctg	aggtcaggag	ttcgagacta	gcctggccaa	240
catgatgaaa	ccccatctat	actaaaaata	caaaaattag	ctgggtgtg		289

<210> 306

<211> 315

<212> DNA

<213> Homo sapiens

<400> 306

tagtcccttg	ttctgaacat	ggtactgaac	gtaaactttg	atgtattgat	gccctccagg	60
gctgtaaaat	tgtgtggggg	ttaccttatt	ctttcactga	atTTTaccAA	ccatttttgcc	120
agagtgtttg	gcgctgacat	tgatattctc	gggcctcttg	aagtgtatag	agccctttgc	180
cccaggcta	acatgcctta	catggctgta	ctgctctgca	tagtgctttt	cctgtgccct	240
cttgtgattg	cctctgttct	ctatgggcac	tcctcattct	tgttgggtggc	taccttttgt	300
cccaacaacc	tgacg					315

<210> 307

<211> 287

<212> DNA

<213> Homo sapiens

<400> 307

tcttgggcgc	cttctcccaa	cgTccctgcc	atactcgct	ccgggctgat	tctccagttg	60
gtttcctgga	ctccagagta	gctgtccggc	ctggccccgg	aggtgcaaag	taagaaaatt	120
gaagtcaaaag	accatgggag	atacagcaaa	accttatttc	gtgaagcgca	ctaaagaccg	180
ggggactatg	gatgatgatg	acttcagaag	gggtcacccc	caacaagatt	atttaataat	240
agatgaccat	gctaaaggcc	atggcagtaa	aatggaaaag	ggccttc		287

<210> 308

<211> 207

<212> DNA

<213> Homo sapiens

<400> 308
cagggcagcc tgcaaccaca caggttgcac cccatgaagc tggccccgga tatgtgtgac 60
ttgctgtcac ttttggcttc aacaacagac aacttgactc aaaatggctt gaggggactt 120
actacttcat gccaaagaaa gcctggaggt agggcaggtc cagccacggt tggttaaaat 180
tcagctgccca aaccatgccca tgaagg 207

<210> 309
<211> 319
<212> DNA
<213> Homo sapiens

<400> 309
gagaggagggc tcagggaaaag gtgaaagatg ctatgggctg gttactctg caaaaggaaa 60
aactacagaa gttgctaaag gattcagaga atgataccta ctttaaaaag tataatagcc 120
tgctgtcctt tatggagtca ttcaatgaag aaaaaaagtc ctttttggat gtctgtcaa 180
taaaacggga tctggatgag ctggacaagg atcatttaca gttgagagaa gcctgggatg 240
gcctcgatca ccagattaat gcatggaaaa taaagctaaa ttatgtcttg cccccacccc 300
tccatcaaac tgaagcttg 319

<210> 310
<211> 315
<212> DNA
<213> Homo sapiens

<400> 310
atttgcaaat tttggggctg catgtgaggc tgggaagggt gaccagagc ttctaaagta 60
caaatgaaa tctctcacia cctgatggta tttggatagc atataccac cagaggaaca 120
ggcttttatc tagcatacca caggtctccc ctttagcaca tctgtgctca ttttgaaact 180
gtatagggaa ggacattagg tggctgggag aactctgaag gacagacctg gatctcctgc 240
caccttccaa aggtgaaaca acaaaaatcc gccaggcttt cagtcagaag cccggaaggg 300
ccactcccaa ggaac 315

<210> 311
<211> 323
<212> DNA
<213> Homo sapiens

<400> 311
aagtttttga gagggggggg tctcactatg ttgccaggt tggctttgaa ctctaggct 60
gaagcgatcc tcccaccttg acctcccaaa gtgctgggat tacagttgtg agccaccgca 120
cccggcctag tctttaaatt tagagcctca ttgatataaa gggcgaagaa aattaagtgt 180
tgtaaccagg tagcccggtg tccaggagaa tgatggatct gtcagaaatc catgggtggg 240
ttcgagcttt ggtcccatct tggactcaat cgttcatggc cagacgctg gcaaggagcc 300
caaactacgc cagaagtgga cct 323

<210> 312
<211> 219
<212> DNA
<213> Homo sapiens

<400> 312
tgggtacggc tcgcaaaaac cacacaagggt gtccgggttg aaaacaccac ccaaggggtc 60
cggtgggaaa acaccacata aggggtgccg tggtaaaaca ccacataagg ggacgggtgg 120
gataacacca cagatgggga cggctgctat aatacgacag atgggcacgg ctgccataaa 180
accacataag gagaccgctt gttattagac cacataagg 219

<210> 313

<211> 160
 <212> DNA
 <213> Homo sapiens

<400> 313
 gttatctgaa attcaggcac tgcattgcaca aatgaatggg aggaaaatta ctctgaatgg 60
 agaacgagag agtgagaaac caagccaaga actcttggaa tataatatac agcagaagca 120
 ggctcaaatt ctggagatgc aagtggagct tacaagtatg 160

<210> 314
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 314
 ggaagttagt gcttaagggt aatagacttt tttcttttct tttctttttg agacagagtc 60
 ttgctctttt gccaggtg gagttcagng ncgcaatctc ggctcactgc agcctccgct 120
 tcccaggtgc agcgatcct ccttgctcct cacaggggag gctaggcagg ataattcgtt 180
 ttccaggagc cctctcttgg gggaaacacc tattttccc ttaacatttg ggggaacaaa 240
 aagggaagtc ccgttaaaca ttgttgctg gggatgaggc gccacattg gctcccttac 300
 cctccgtg 308

<210> 315
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 315
 aaatgcctgc agggaccccc ggactagaca gccctcagcc ttcattggggc cggggggcag 60
 tgggcagctg ctcttgaaca acaggcaatt gttaccttgc aagaaagcag gctcagcgtg 120
 tcagacactc ctgcttttca agagaagctg gaagttcagg accagcctgg ccaacacggt 180
 gaaactcgat ctctactaaa aatacaaaaa ttagcggggc gtggtggcgc atgcctgtaa 240
 tcccagctac ttgggagggt ggggcaggag aatcgcttga acctgggagg cagaagttgc 300
 agtgagccga 310

<210> 316
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 316
 ccttgctaac tttatttccag aaagtggtaa aatagctatg gactacagac ccagtgaaga 60
 gattgtagat gtcagatggg aagaagaact acacgggtta atataagtat gtggagataa 120
 aaactcaaag gtaacagggc cgggcacagt ggctcacacc tgtaatgcca gtgctttggg 180
 aggctgaggc ggggtggatca cctgaggtca ggagttcaag atcagactga ccaacatgga 240
 gaaatggtgg cacatgcctg taatcccagc tactcgggag gctgaggcag gagaatcgct 300
 tggacccggg a 311

<210> 317
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 317
agacaaaact attattcaac tcaacagggg gccttttttt tctatacccc cagccttgta 60
aaaacccttt ggtgggtggg cccaccccc acttagatgg ttgggaaaaa ttgggttttt 120
tggaacttg gggcgccct tgggtttttt ggaccctta atagggtggcg aaaaccggct 180
accccccgcc gtgggtttct tttttatttc cagggctcgg gggggggggg gggggtggat 240
cacctgagat caggagtca g 261

<210> 318
<211> 310
<212> DNA
<213> Homo sapiens

<400> 318
ccaccatgac tggcaaattt tcgtattata agtagagata gggtttctcc atgttggtca 60
gactggctct gaactcccg cctcaggtga tctgcccgc tctgcctccc aaaatgctga 120
gattacagat gtgagccact gtgcccggct gcctgagaca ttttgggcaa cagccgtgac 180
agaagaaacg tgcattccct ctgtgcaggg gatttaagaa gtggctcatg gctgattatg 240
atttctttgc tccgtttctg gaactgcggg agcatcttct gggataaggg tctatctgtt 300
tgagtctctg 310

<210> 319
<211> 307
<212> DNA
<213> Homo sapiens

<400> 319
tgagcagaaa aggatagagt gtgacctgcc aagagatact ggacagtggc ctccactttg 60
tgtaccggg ttggccattc tccttatcgg cacagtcagg ataagaaaac tctaagttta 120
ttcggatccc ttggaggaca cttctacatg ggaacaattg cagctgtcat cttggacttt 180
acttcccagc caactcagtg gggaaagagg ggagcattct ggggacctct gtagaggggc 240
ttcaacctgg atagattccc aatcagagtg aagttcaact tcctccagga tatttctctc 300
coctggg 307

<210> 320
<211> 303
<212> DNA
<213> Homo sapiens

<400> 320
ggagcctttg actatgctga gcctcacagt attccaggag gggatatagta agtaacagct 60
ggttctggga ccacttttgc tcagagcatt ctgtggaata tgggtctcca gaacattctc 120
tgagaactat tactcaatct atttaaacac acaaataata ctctgtataa gagggaggac 180
actggctggc cgtgggtggc cacacctgta atcccagcac tttgggaggc tgaggtggac 240
agatcacttc aggcctggag ttggagacca gtctggccaa ctctgtctct actaaaaata 300
caa 303

<210> 321
<211> 295
<212> DNA
<213> Homo sapiens

<400> 321
cattacgccc aactctgca actaacagaa atatctcttc tccctgtat atgttaggac 60
caagaataaa atcaaactg tggaggacat gtcagctagc ctgggatttc caagataccc 120
cggttggtaa gaactacttg gggcgccctc atctggagat tctggcttag tagatcagag 180
gtgggcctga taatttatat ccatgagcat accaggtaat tcttataact aagcgagttt 240

tggaaaacac agggctcatc taggccagca aaggtttcct gtcccagagt gggca 295

<210> 322
<211> 304
<212> DNA
<213> Homo sapiens

<400> 322
tgatccatcc actgaattct ctcagagaaa tgagaactca gagccataag cctgctagga 60
at ttgcaaga atcttgggaa gtgcttcata atcccccagg tgtagaatgg aggttccagg 120
caatactcta tggacttcaa aatacaggaa gacctcagat gacacaggat acattccaaa 180
tttgcagaac tggactcagt ccattcagtt gaattccaac agttttcaaa tttgttaaag 240
tacaaatatt ttgattcatt gtattaaaaa gtggttatag gccaaagcgcg ggggtgcaca 300
ctgg 304

<210> 323
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 323
tacggctgca agnnnnnnnn nnnnggggagc ttgtccttct catacttcca ctgggagaaac 60
tcagggtcca attaaactcc agaaccagggt gagctgcacc ttctcaggta tcaaaacaca 120
gggcccgcga ggcacgggtgg ctcacacctg taatcccgtg agtttgggag gccgaggcag 180
gtggatcacc tgaggtcagg agttcgagac cagcctggcc aacatgggtga aaccgcttct 240
ctattaaaaa tacaaaaaat tggcctggca tgggtggtca tgccctgtaat ccagcactt 300
tgggaggccg aggcggggcgg t 321

<210> 324
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 324
tgaatatttt gatcaatgaa gtcatacact taacaatagc tatcaatatt gaggagctat 60
aaataaattc taattttcac aaaactcagt aaggatatgta atacaacctc cgctttacaa 120
tgagaaaaat aagtcttact gattcggtga tttaatccat atcagagtta ataacctctt 180
tttcattaaa attggctcct tagaaacaca cctgcagctg ggcacggcgcg ctcacacctg 240
taatcccagc actttgggag gccgagacgg gcggatcacc tgaggn 286

<210> 325
<211> 284
<212> DNA
<213> Homo sapiens

<400> 325
tgagcttttc attacattgt tgaaagatga agaacgaaag ctacttgttg atcagatgag 60

gaagagatcc	cctagagtaa	atctgtgcat	taaacctgta	acttcatttt	atgatatccc	120
aggttagctc	tctagtcggc	cagccaaaat	gttggcatgt	tttggccctc	tattcaaatt	180
aaccttgaaa	tatatttgag	gattctctct	tgttttaatt	aacacttggt	ttggtaatta	240
atagaaattc	acctgtcttc	cgtatcagat	ttctgtataa	gcag		284

<210> 326
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 326						
tccaccactc	ccacacagca	tgcacacacg	gttggacctg	agtgtcctctg	atggaaccca	60
ggctgctctg	tgccgctgta	ggatatcccc	ctgcttaagg	actttcgttt	catctcagac	120
cacatctggc	cccgcagttc	ctctgatagt	ttcccttctg	tatcactgag	cacatttggg	180
gcagctcgtc	cgtgagcatg	cagtctgcac	gtgtgggggtg	agggtagggc	gcacacaggc	240
tgtgcctgtg	ctctggactt	gtacaga				267

<210> 327
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 327						
ccttactcag	aaaccacaca	agcttgcttg	ttgtgtttgg	tcgaancggc	ctaccgttgc	60
gctaatacaa	cagaagggca	tctctcttca	tgaagggcac	atacacacac	acagttaagg	120
tgctgaggaa	actgggagag	ccaatttgac	ctggccttta	ttttgcacaa	gagtaactga	180
agcttcaaat	acaatgtgtg	ttacatagga	accaattatg	tatgtaggat	taataaagat	240
aggagaccta	aggccattta	catgaggggc	agaatagtaa	ccttttgatc	cagagaggta	300
gtttaaaaaa	tagtaagggtg	ttaacatata	caaataataa	agttggggct	ttaaaccattt	360
gaatttgaag	gctctgagtc	atgggattaa	ctttgtaccc	cagggcacag	ggaaaggcta	420
cccttgtgca	taaggtattg	aggaagcttc	ctggcagtaa	ttccc		465

<210> 328
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 328						
ggcacgaggc	accttacaga	cagtggaggg	gtgtcccctc	ccacaggcaa	gaaccagagg	60
cccaggctgc	acacccattt	cagccatcaa	gaaccacac	agacggcagg	gaaggtaggac	120
acagtatgaa	ctactgctga	tgtctctggt	ggggatcaga	gggctggcgg	gaacgcgaga	180
agggcaccag	cagcattcca	caccagctc	ttcctcacct	tcctgtctag	tttgaatttc	240
ttttttttct	ttttcttttt	ttttttttta	attaaaaaag	gaaaaggggg	ggtggggaaa	300
aaacctaaaa	caaaaaatgg	gcattagggc	tcaaagcacc	cccagggaag	ggcccatgtt	360
tgggggggagc	aggggcttgt	tgaccccacc	tgtttttgtt	ttggcacaaa	ggttttgg	417

<210> 329
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(397)
 <223> n = A,T,C or G

<400> 329
 cggttgctgtc gcaagtttga attgtgatga cggntgacgt ttgctgattt ttgactgtgc 60
 ttgtagctgc tccccgaact cgccgaacttc ctgtcggcgg ccggcactgt aggtgagcgc 120
 gagaggacgg aggaagggaag cctgcagaca gacgccttct ccatcccaag gcgcgggcag 180
 gtgcggggac gctgggcctg gcggcggtttt cgtcgtgctc agcgggtggga ggaggcggaa 240
 gaaaccagag cctgggagat taacaggaaa cttccaagat ggaaactttg tctttcccca 300
 gatataatgt agctgagatt gtgattcata ttcgcaataa gatcttaaca ggagctgatg 360
 gtaaaaacct caccaagaat gatctttatc caaatcc 397

<210> 330
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 330
 ggcacgaggg acccatttct aggattctaa gatgtaagat ttcttaagtt ctttatctta 60
 gtctcatgca ttctccacat cagcgctgt accatactgt gtagtcagaa cagacagtgt 120
 gattgaaaag ctttggaata agttaacaca aaggattatt tagcacatag gctgtagata 180
 cgtatgtgtg tatttgttca acaattggag atggttgaat acccttgaac aaagtgtgta 240
 tcttctcaaa tcagtgggtg cactagtcaa taattagaag gtgttggttat ttttaaaact 300
 ataagcaaaa ttatgaaggc ctttaaaaaa tctatcataa taatgaaaaa gaggttgtct 360
 cccaacagtg ctgtccctca aagaaaagac tgggt 394

<210> 331
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 331
 attatgggag tgagccacca tgcccggact ctacatcaga aatttcaaaa ggaatttcat 60
 agttacaagt tcttcatgag aacaatagct cccagaaaac accttccttg gttccaggtt 120
 tacactgaag tttttctttt ttttttattt cacaacacag attctaggat aactgaagt 180
 attaagaaaa atcggggcca ggtgcggggg ctcacgcctg taatcccagc actttgggag 240
 gcctaggtgg gcagatcacc tgaggtcagg agttcgagac cagcctgacc aacatggaga 300
 aaccccgctc ctactaaaaa tacaaaaaaa aattatccag gcgggggggg gcgatgcctgt 360
 aatcccaggg actcggg 377

<210> 332
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 332
 ggcacgagcc gagctcggag gcggctcgtgc ggcgcgaggt cctcctggat cgtggcaatg 60
 ggcagacaca gagcagaaaag tggcggactt gggcgccac aggttaacttt ctgcgaagga 120
 gctgaattct ttactaaaag ggtacaagcc cgagggacga gctgcgcgat gattggctgg 180
 ggagctccct caggtagct gccattggca gaggcgcgt caggtaaggc ctttctccaa 240
 gtgcaggtaa ctactccga agtttacctg agtggagcgg cgcatgctt gcagctcggc 300
 ggagcctgt gagagctgag ggtcagttct tcgagtagat ctcaagctgc gttttcctcc 360
 ttctccaaag cagggatggg aagggtggag ctactggttg g 401

<210> 333
 <211> 392

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 333
cggttgctgtc ggctcaacaa gcatacctagt taaagggtctt atcttcatga gtaggtgaca 60
ccacagacat ggtgcttact tcagaattag ctctattatt ttcagaacat tgcttaacat 120
gttggttgag tccggcagac aaattaacat attcttgtgc ataaaaatta gaacaaattt 180
ggtatggcca gtggaaacta tggagtccaa ttgcttttta atctaatttt gatttaagta 240
aatgcagtta tacagagggt gcaaggaaca gaattgtttt tattttatct tattaagtca 300
tgggtataaca tgtattttaa agattatctg tcttaccaaa tgtacaattt ttgtacaatt 360
attggccttg gaagtagaga tgacagaatt cn 392

<210> 334
<211> 383
<212> DNA
<213> Homo sapiens

<400> 334
cggctacctg ctgacaggat tgccctgatgt caacgtatct gtcttgctaa atgtccttac 60
attgacagct cttatatgtt tcataccatc cattacataa atatccacca tcctattatt 120
tgggtattaaa actcttcctc aataagaact actttcctgg agcatttctg tgtgcctctc 180
ctggtcatac taagtgcatt tagctttctg cttacgaggg tgagcatttc ctatccctgc 240
tgctgtcttc acagcactta cccacagaa agatctcagg cactgacaag atatccaatc 300
tcaatgctat gttgtatcaa gcctcatata ttgataaaaa agtcttagtg gcattaattc 360
taaataaatt actattccac acg 383

<210> 335
<211> 404
<212> DNA
<213> Homo sapiens

<400> 335
cttctccatg ctcggaataa cttcctgcat cggtcaacag gctaaagagg gggaaggctct 60
ggaggttgga aagaggactg gaatctgatt ggggttccaa caaatctgta acaccgctgg 120
gaacgactgg gtccccttta ggtcctttag gacagcgttt gaaatcttgc tttcccctgc 180
agggatccag caccggctcc tctccggca accacggtgg gagcggcgga ggaaatggac 240
ataaaccggt gtgtgaaaag ccagggaatg aagcccgcgg gagcggggaa tctgggattc 300
agaactctga gacgtctcct gggatgttta actttgacac tttctggaag aattttaaat 360
ccaagcctgg gtttcatcaa ctgggatgcc ataaaccagg acct 404

<210> 336
<211> 390
<212> DNA
<213> Homo sapiens

<400> 336
ggcaccagca aagaggaaac agtttagttt tagtggcatg tctcagtgac aatgctgaat 60
acctaatagt ttttccaaaa ttgggtccag tggtttacgt cttggatctt gcagatagac 120
tgatctcaaa agcctgtcca tttgctgcag cagggaataat ggtcggctct atctattgga 180
cagctgtgac ttatggagca gtgacagtga tgcaggttgt aggtcataaa gaaggtctgg 240
atgttatgga gagagctgat cctttattcc ttttaattgg acttctact attcctgtca 300
tgctgatatt acgcaagatg attcgtctgg aggactatgt gcttagactg tggcgcaaat 360

actcgaataa actacaaatt ttaaatagcg 390

<210> 337

<211> 400

<212> DNA

<213> Homo sapiens

<400> 337

cgttgctgtc	gcttgggaag	aatcccaaca	tcgagaaaac	ggtgtcctgt	gagttccaac	60
aatgcttctt	gttcatgggt	ttcttcgta	tggagtggat	taagagtgtt	ttattttgtt	120
gttctaactg	agaaaaaaag	gaggcaccce	caaggttgag	gtcacacagt	ctccacagtt	180
tccaggaggc	gtttgggggt	ggggaaggca	cctccagagc	atgaggctct	aaggggacat	240
gagtaaagca	tgtctgtgac	ccagtggagga	agggagaggc	cagctgcact	cctgcacggg	300
gttcctagct	gcagaagggt	cccgcctatg	ccgaggggaa	acacctgata	gcagaagagg	360
cctggatgca	cacctggcac	gccgaggctc	tccgcccaga			400

<210> 338

<211> 356

<212> DNA

<213> Homo sapiens

<400> 338

cctcagcctg	ctgagtagct	gggattacag	gtgcccacca	ccacgccag	ctaatttttg	60
caattgtagt	agagatgggg	cttcaccatc	ctggcccggc	tggctcctaaa	ctcctgacct	120
aaggcgatct	gcccgcctca	gcctccctga	gagctgggat	taaaggcgtg	agccaccaca	180
cctgggcacc	ttattttttt	atacggtctc	actgcataca	gttgaataag	aaaactattc	240
ctgtattgct	gcactttcac	actgcttcaa	aatcggccta	ggagaaacaa	tgctttaatt	300
gcttcgggtg	catttaattc	ctagagccaa	cgggcttggt	caaaggcaac	ctaccc	356

<210> 339

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 339

caaactccca	agcacaagtg	aatcatgggt	cagtgactca	ttgtgtgaat	aggggacacag	60
agaatcccta	aaccattgct	tttcatatca	ggagtccaac	agtctttcag	gttgcccctg	120
actgagggct	ttgagtattt	agtggagttt	tctggtaa	at	catagctatt	180
tttcagccca	actagatgct	tctactatc	cctggtaagg	aatggaactg	gctcacagta	240
aatgtagctg	tttagtaata	gatgcagata	ttcttattat	cctctctagg	gcttctattc	300
tgattttctta	tttttaagat	taagaattta	atggctaaaa	aagctaagtg	n	351

<210> 340

<211> 381

<212> DNA

<213> Homo sapiens

<400> 340

cgttgctgtc	gaacaatggt	acaaaaggca	aatataaaga	gtatgttttc	tttttagtgc	60
tttgaaaaaa	tttcacttaa	actcttatta	ctgtatagat	taagccctat	aatgctattt	120
atattccagg	ggaacgaaaa	tctgaatttg	ttttatgatt	taaagcatct	ggtttgcata	180
ttgtattgta	atactgatac	agtttggtctg	tgtccccacc	aaattgaatt	gtgttaatatag	240

ttcccataat	ccctacgtgt	tgtgggaggg	acccagtggg	cagtaattta	atcatgggtgg	300
tggttaccct	catgctgttc	ttgtgatggg	gagttctcat	gagatctgat	gggggttttt	360
ttttgttttg	gttttttggtt	t				381

<210> 341
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 341						
ggtccagtat	gtagcgtaac	agccttccaa	ccagttagag	ccagtgcctct	ggttggccat	60
tcttgcttta	ttgcctaccc	tggagttaga	ttagcgggtg	aggggagatc	acttttatct	120
agactgcagg	aactgagaat	gggtgagggg	tgattcccaa	atagaaaatg	aagggttctgt	180
ttatagaaga	ataagaaact	atgtttgtct	ggtaaaaaata	gcagttgtcc	attctatcag	240
ttttcattcc	catgttacag	aaattcttac	caaacaggct	taaatagtaa	gcgaatgcct	300
tagttcattt	cactggcagt	tcagagtggg	gggagccctg	gggn		344

<210> 342
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 342						
cggtgctgtc	ggaacttttc	aacatattga	caccagcgt	gtattacaaa	cgaaacaggg	60
acagatgaag	gcctgcattt	gcctgaacgc	tatagtgtgt	tgatccctaa	ctagtaaatg	120
gaattcacat	ataaccacat	ggactttgca	ctgcacagaa	aaagtcagtt	tggggagaat	180
ttcagactta	catgtgaagg	acagatgtca	attttcattt	ttattttatt	tttgagacag	240
agtctccctc	tgtggcccag	gctggagtgc	agaggcatga	tcttggtcca	ctgcaacctc	300
tgccccctgg	gttcaaacaa	ttcttgtgtc	tcaacctcct	gaaaagctgg	gaataacggc	360
gggcacccac	cacg					374

<210> 343
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 343						
cgttgctgtc	ggaattgaag	cccaggtggg	tgtccaatgc	cagaccatgg	atcatcagcc	60
tgggacacca	aagtgccaca	ctctcagagt	gaggatgatc	ctcaggaagt	cagctctacc	120
accctccaca	ccaggaagtg	caagcagact	cacctcatga	ttgagcagaa	taagagaatc	180
cttgagaagt	cataagtttg	catggatttg	cagcacaagt	tcaaacaact	agatggcacc	240
aaatccctca	atztatgaag	acattttaacg	tggtagccaa	ttggaaacgc	ctcatggcag	300
aaacaaacat	aatccctttc	tagaaggttg	ccttgcctca	gtgtttccca	aaccagtttt	360
tttagggaaa	atg					373

<210> 344
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(350)
 <223> n = A,T,C or G

<400> 344	aagctcctgt	ccccgaacaa	gaagcagagg	aaaaaccaca	ctagcaagct	gcaagagttg	60
	gcactgctgc	tgcccatagc	cctgaagacg	gggaccaaga	agctcacaaa	ggtacagggg	120
	ctagaggaga	ggggccagat	ttgggacgca	ggtcttttaa	tagcagcaaa	tgggtcaccc	180
	tctcctggga	aacctggaca	gaccccttca	gtggcagcat	tcaaattggg	atgggtgctac	240
	tctgaacggg	aatttccggg	agtctgtgat	cccataacta	ggtgcctgga	ggatcctttt	300
	tttgcaaagg	agagaggaga	aaccgggctg	gggaaataga	gatagcacan		350

<210> 345
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 345	cgtgtctgag	ctgtgatgac	gctggccttg	tgtttcgtca	ggtggtgtcc	acagggtgcc	60
	tgctgggtgc	ttttctctctg	ccctggggaga	ggctcgctga	ggctgcacgg	ctgcctggga	120
	gaggctcgct	gaggctgcac	ggctgcctgg	gcgccctctg	acgcgccctg	tggactgcag	180
	catccagggg	atcgctctctg	caactcttat	tgctttggcg	tttacctatt	ggggatttaa	240
	aaaaaaaaatt	gttcattttt	ataaaaaaga	catgggctgg	ctgggcacgg	nggctcacgc	300
	ctggaatccc	aatacttttg	gaggctgagg	tgggcggatc	acctgaggta	aggatttcaa	360
	g						361

<210> 346
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 346	ggagggtggg	gttgacagta	gctgagatca	tgccactgca	ctccagcatg	ggtgacagag	60
	actccggctc	ataataaaaa	aaaaaaaaaa	aataattttt	tgactgaaaa	aatatttttt	120
	tgtgtggggg	aggggttttt	ttttggggcg	aagaagtaac	aacctgtgtt	gggggggggt	180
	tgccaccccc	cttctttttg	gagagcttgt	gttctttttt	ttt		223

<210> 347
 <211> 477
 <212> DNA
 <213> Homo sapiens

<400> 347	ttgttctttt	tgcaagatcc	cactcgattc	aattcggcac	gagatattaa	aaggaggtta	60
	gtgcttaaca	agaatttaat	tgctctgcaa	ttcatgctgt	ttctaaacaa	acctaaactt	120
	taagatcttt	ctaggggcag	aaagcccatg	agaaatacaa	tgggaaggta	agacaatggg	180
	acggcggaag	tggttgacac	ccgtgcaacc	agctgcagaa	tgaataggga	aaacagcaaa	240
	gctgtactag	cctctgggtt	atcaactoca	gaccatgaga	aagataactg	tagatacagt	300
	tacactatga	caaggctaag	cacgaatcac	caacatgttt	cccaaagtgg	gtggtggccc	360
	tgaagtgtg	tttgcttgtt	agatggaatc	aagagctaaa	atcaaaggct	actcctgaac	420
	cgttttagta	agacccgagg	taggagttca	aaagcctcag	tctcagttcc	cccgtat	477

<210> 348

<211> 321
 <212> DNA
 <213> Homo sapiens

<400> 348
 ggagtagaat gcttttctact agctctcaaa ccttggtgtg aggaattcct tggagggctt 60
 gttttaagca cagattgctg ggctacttg aatcagtgg tctgcaagga ggccctaaat 120
 tcgctccct gacaggttcc tggcagatgt gatgctgcct gaggcctgca cttaggacca 180
 ctgacatagc caactagaag aaacatggga aggcctggga gtctctccct gtagtgagcc 240
 ctcaggagga ggattagaat gggggcactg gaggaccagg cgcggtggct caccgcctata 300
 atcccagcac tttgggagggc g 321

<210> 349
 <211> 434
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(434)
 <223> n = A,T,C or G

<400> 349
 cacagcactt gtcttttggc ggatnnnntn gactcgaatt cggcacgaga tggcgtggtg 60
 gagaacacac ctgtggctat cttatgtgag gactagaggt gaagaggaga tggacactgc 120
 ctctggagcc agcctgacac caaggacagc acttgctatc atccctatcc tcgtcagccc 180
 caccctgctg cctcagctgg acccagggct ttgacacaaa cccagtgcct tgccttatggg 240
 tgctcgctgg ggtccggtgg agactgacca ccctgcttga gccaaagaca aggtgatgag 300
 agatggggag aggccattgg ctcccagagg gaacagtgc ggctgtggct agagaacagc 360
 aggtctgtgc agtgtctgag ggcagggttg gaagggtagc anagagagag agaccgaaag 420
 agagagagag agac 434

<210> 350
 <211> 178
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 350
 acgttttagcc ctgaacagga gccaccatgc attgcttcag cttcattaag accatgatga 60
 tcctcttcaa tttgctcatc tttctgtgtg gngcagccct gttggcagtg ggcctctggg 120
 tgtcaatcga tggggcatcc tttctgaaga tcttcggggc actgtcgtcc agtgccat 178

<210> 351
 <211> 442
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 351
 tagctttttt gatgatccca tcgattcgcc gatttaaggc tgcaaggaag gagtcctgtt 60
 attttgtttt ttcttgagca aagccgtttt cttcagagct gcggcagaaa cggttgaaga 120
 cgctggactg cgggcagggg gcagtgcgag ccgtacgatt taatgtggat ggcaattact 180
 gcctgacgtg cggcagtgac aagacgctga atctgtggaa cccgcttcgg gggacgctgc 240
 tgcggacgta cageggccac ggctacgagg tgctggatgc ggccggctcc tttgacaaca 300
 gtagtctctg ctccggcggc ggggacaagg cggnggttct gtgggatgtg gcatcagggc 360
 aggtcgtgcg caaattccgg ggccacgcag ggaaggtgaa cacggtgcag tttaatgaag 420
 aggccacagg tattctgtcc cg 442

<210> 352
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 352
 cgttgctgtc ggtccctttc catcctcttc tccctgcttc cctcccagcc tctggcaacc 60
 actattgtct tttatacttc catgagatca gcttttaaat tccataaatg agtgagataa 120
 tgtgatactt gtctttctgt gtatagctta tttcacttca cataagtcct tcaagttcat 180
 ccatgttgga ctaaataaca gaatttcttt ttttttttaa ggacaaaaaa tatccgaaac 240
 aaagccaacc aatccatgac ccaaagttgg tgctattata tttccattga gaggggatta 300
 tctcaaagtc taggttaagt ccttggtcca aattaaaatc tgaaattgga aggggtggat 360
 aacaactaga aatatagtgg aaaagaagct cctaatatgg actccattca tgg 413

<210> 353
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 353
 aaagcacatt tcacttatat gtccagtatc cccaatatct atgactttta aagtcctgca 60
 gaacaaaggc tattaccgag tgctcagtgc ctgttcttga gatgcttcac attgtggcag 120
 tctcagaaat aaacgttttt taactgagag cttttgttta ccatgag 167

<210> 354
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 354
 gatcatacaa tctagtagcc tgtagaata tggagtatga cagacagatt ctggaagtca 60
 cattattagt atcaaccttt agtggttgtt tttatagaca ctgacctaca tataaataag 120
 attgtgaaat ttgaaagaag tacaaaaaca taaccataa tcaaaagaga ataagatcaa 180
 tagaagaata ttttgaaata atcaaacc aaatttaaaa taactatgca aaatatta 238

<210> 355
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 355
 tgtcgcgcaa gctggagtgc agtggcatga tctcagctca ctgcaacctc cacttcccag 60
 gttcaagcca ttctcctgcc tcggcctccc aagtagctgg aattacaggc atcctgccac 120
 cacatctggc taatttttgt atttttaata gagatggggc gtcaacatct agaccaaggg 180
 tgctcttgat catcgaaat actgtgagcc gtcgacaatg tgctcccagt gtgatgctat 240
 tattttataa atccaaggct aagtataata attaggctta gaacacaata acacctctgg 300
 ccaaagtatc gtaaccccc actttactaa taatctcttc agtttacaga tgagccggtc 360

ctaatatocg gttc

374

<210> 356

<211> 131

<212> DNA

<213> Homo sapiens

<400> 356

ttcggctgtg	aaatgacaac	agatgggtgtc	gggtgcgata	tgacgaccga	atgggttaccg	60
ctgctataac	acgaccctaa	gtggatcggg	ttgcgggaaa	ttcgactgca	cagggggctg	120
gcgtttgact	g					131

<210> 357

<211> 226

<212> DNA

<213> Homo sapiens

<400> 357

aaatacattt	tattttgtta	acatttaaga	aatctagttg	cttcatgttg	ataatcaa	60
aaataaacct	accaattagg	gctttaacat	ttgttatgga	acatgggtaca	cattcccatt	120
gagggtttaat	tgtaagggtt	tgtttgacac	attttaagtg	tttagactga	aatcttcacg	180
gttttgaaat	cattgtactt	ctagcactgg	cagaagacat	gtaaat		226

<210> 358

<211> 414

<212> DNA

<213> Homo sapiens

<400> 358

cgttgctgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tatttaaaag	acgttatctc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	ggttgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttctc	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcattttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	acttttttaa	aagaatcatt	aagcatatct	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	tatttttccg	tggt	414

<210> 359

<211> 406

<212> DNA

<213> Homo sapiens

<400> 359

cgttgctgtc	gaatcagcta	agggattgta	atttttaatt	cttttgaaaa	ataaatattg	60
tatttaaaag	acgttatctc	acagaagcta	acaaagagac	cttagataac	atttgtttgg	120
ttagccacac	ggttgagcac	aaaacaatgt	gtagatgtgt	tgaagattag	ggcaggaggc	180
tcaacttctc	ggtgaccttt	ttttgcttca	caacaagcca	attatagttg	aatcattttc	240
tctcttagct	agttgttact	acaaacttta	taagaaaaac	aactagacac	cttctagttt	300
taattaatac	caactccttt	agagtttagag	acttttttaa	aagaatcatt	aagcatatct	360
tctttttttt	tttttaaaaa	ttaacactct	ttaggccttc	aatttt		406

<210> 360

<211> 400

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 360
 cgttgctgtc gctgaaatac catcagagggc ccaggagggg ctagttgtaa ctggcaaata 60
 tagtaaatta atttgctctg gttgataggt agcaagcagg gtttatatac attgtcacct 120
 acttttccag ttaacaggag agactggaga ttttatgaaa tttgatattt aaatgttggg 180
 aactgggttg ggcaccatgg ctcacacctc taatcccagc acttcgggag gctgaggcgg 240
 gtggagcacc tgaggtcagg agttaagac catcctgacc agcctgggta aacacagtct 300
 ctaataaaga tacaaaaatt aggccgggtg tgggtggctca tgctgtaat cccagcactt 360
 tggggaggcc aagggtggcg gatcacctga gtcaggagtn 400

<210> 361
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 361
 cgttgctgtc gcaaggatct ccattctccc tgtctggata cttctttggc agagatatgt 60
 cctttaggaa aaaatctcag ctctaaagtt aattcagaca gcggtattcc aggactagca 120
 gccagtgcct tacttgtgag tcacgggtgct tacatcagaa gcctgtttga ctattttctg 180
 actgacctta tgtgtgcctt accagccact ctgagcatat atgaacgtat gtcagttact 240
 cccaatacag ggatgagtct ctctatcata cactttcgtg acggaatgag aagttaaacc 300
 aacggttcag tgtattcgta tgaacctaca ggatcatcga aatggactga ctgatactcg 360
 ctgcgataaa atctgcatca ctatctaacc attttgagcc tctgaaggg 409

<210> 362
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 362
 atttcagatg gatagtagtt caggtacatt actggtacag tgtgctcaaa cgttttcccc 60
 atgattacta ggttcttgtg atatctgggc tagaaacaca gccatcattt ataaatctgt 120
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtttct tttaatggga gaatgtgatc 180
 agagttctaa aaaactgaaa taaaagtgcg tttttagaat atgacttatt ttgtaaattt 240
 tagatagatt atagagtgc tactataccc tttttcagag cagaggaaga gaaccattt 300
 aggcacccgt ttaaaggaga tttggtgtga tgttcttagg gtcttttatc tgaaagatga 360
 actgcggtc tgtctattat agatan 386

<210> 363
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 363
 cgttgctgtc gcagggtttt gctttgtctc ccaggctgga gtgcagtgat acaatcatag 60
 ctaactgcaa cctccgcctc ctgggctcaa gcaatcctcc cacctcagcc tccccagtag 120
 ctgggatcac aggcattgtg gaacatgcct ggctaagttt tcatattttt ttgtagagaa 180
 ggggtttcgt catgttgccc aggcctggact cgaactcctg ggctgaagag acctgcctac 240
 ctctgcctcc caaagtgtcg ggattacagg catgagccac ccagagccaa ggtctcagtc 300

ttttagttag	cttgtttatg	gatttttgaac	tatatcctgt	ttctcagcgc	ctcacccecca	360
ggatggcttg	aatgacctgt	agttgggtat	ttcccttacc	tcattgt		406

<210> 364
 <211> 376
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 364						
gtgctgcatg	tttaaagtat	tccctctgtt	ttacttcatg	atagttggcc	cctttcaggt	60
tataacacgg	acatttttct	atgggttttca	ttatttgcac	atgcccaacag	agtagaatag	120
attttttaacg	agcatcactt	cattgcaagc	aaatttatta	atccagtggg	actgatgaaa	180
ctaaggagct	ctttggggtc	aggctcgatg	gctcacgcct	gtaattcttg	cactttggga	240
ggctgaggcg	ggtggatcac	aaggtcagga	gttcaagacc	agcctggcca	agatggtgaa	300
accctgtctt	tactaaaaat	acaaaaaaat	tagccgggca	tggtggcggg	tgctgtaat	360
ctcagctact	cgggan					376

<210> 365
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 365						
tactgctgcg	agatgacgac	acatgggtac	ggttggtaga	ttacgactga	atggtactgt	60
tgcttatctt	acaccttaat	ggctcgtgct	gtggtgaata	ctactctaca	gggaacctgt	120
tggcgtatat	tcctcagatg					140

<210> 366
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 366						
tggttacggg	tgctataaga	cgacaaattg	gttcggttgt	gtttagatga	cagatggggt	60
cgtgttggtg	attaatctca	ccaatgtttt	cttgtgtgtt	tatactgacg	taatgatcat	120
tttttcgggt	atctgctg					137

<210> 367
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 367						
cggtgctgtc	ggggagatcg	gaagattttt	tctctatctg	gactctgctg	gtgtgcctgt	60
tgactggcac	tgggggaaag	tcgtctgaaa	ctggggcctc	agtttcttaa	ggaggttggt	120
ttgaatcaca	atcttcaa	atagggggat	ctgaggggtac	aaaaagggtc	tgtgcacctc	180
ctgaaatagt	atataccatt	gtgtgtgtga	gcaaaaatgt	attccaacc	ttccacgcc	240

cgctcgaggt ccacagtttc catcagatta tcagtaaata ggataccaaa tgtagtgaaa	300
agttaccatt acatgccagg cgcggtggct cacgcctata atcccagcac tttgggatac	360
tgagggcggc agatcacttg aggtcaggag atcaaaan	398

<210> 368
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 368	
aaatacatatt tatttttgta acatttaaga aatctagttg cttcatgttg ataatcagat	60
aaataaacct accaattagg gctttaacat ttgttatgga acatgggtaca cattcccatt	120
gaggtttaat tggttaagggt tggttgacac attttaagtg gttagactga aatcttcacg	180
gtttggaaat cattgtactt ctgacactg	209

<210> 369
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 369	
tgactatggt ttatctacac taaaaccctt gcagttccca atctgctcgt tgtagtttaa	60
aactttcacg cttcgtaaat gtcactgcct ctgtcatctt tgaaaagacg atagttttgt	120
gctgctgaa catatatgaa atgcatgcaa aaagagtttg ttgaaactct ttgttacgac	180
ttgctcttcc cgcttcacat tctacctggc ctctaattta atattaattg gtttggaaat	240
cagagtcaac aaaaagaccc acaagactta atgggggtccc atcagtcatc ataatttgat	300
ttgaaagggt gaaagcgggc agcactgtca ttcatagccca aacagtccta ttgagagggtc	360
ttggactatc atgccagctg tcagaccact ccatgcactg ggtgg	405

<210> 370
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 370	
cgttgctgtc ggttcaggct actgaaagca aggaaagcct gataaactgc cacggccacg	60
aggagtctaa ggacacatcc aatttccatt cgcattccaaa atggaatccg agacagaaag	120
aggaccttag cttcatatc tgtttttttc ttatgaagct tcttctgggt ggaaacttgt	180
caaatttcat caggttaagaa gtgctaaagt gaacctgtaa actttgtttc aaaaaacaaa	240
aaccgaagtt taagaaatct aaagatgggt tcagccttag acagatctct ggactgtaat	300
ctgggaaagg tcaaataaga tctccaatcg tgtacaattc caaatacatt tgagagcagt	360
gggtctgaaa atgtggttcc cagaccagca gcatcaat	398

<210> 371
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 371	
gagtgtgact cttaaaggca agagcatgta tattatgccca aagcagcctg aaatatatta	60
ttcacagaca gacagacaat gcttgactcc ctgctaattc gaaatacttc gtggggaggg	120
ccagggaat cacaacaaaa tttcagaagt agaattgagct atttggtgta tgtctcccag	180

gccataaat	aacacgaagg	aagaataaat	ttctttgcta	accacacgaa	ggagaaatac	240
acttttttgc	tctaaaatat	tttccaatta	tctccacgac	actggaggga	aggactatca	300
ncnngtacat	naatgtgagg	aagg				325

<210> 372
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 372						
cgttgctgtc	gcattggagtc	ttgttttgat	gatgacagtt	ttctgtaact	acagcttgga	60
aactatgcaa	atgggtctaga	ttcctcatag	ctcacatgat	aggatatagg	tagtgatgac	120
attttgcctc	tcttggtgga	acacacactt	caaggaggag	atagtgactt	tgagatagga	180
acagtttaag	atgcagtgtg	agtctggcct	gcgtgcggtg	aggaggcccc	gccaagagac	240
tggtggacat	ctgactgtgg	gatgtgctct	caagtaggac	gtcatcagga	cagattctga	300
ataggcatca	tgagagtgtc	ggtcagaaac	ggctgccact	ttttttaatt	taattttatt	360
ttttatttaa	aggaaggaaa	catagctagg	taagattttt	atcac		405

<210> 373
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 373						
catcgattcg	aattccgttg	ctgtcgttta	gtcttcatac	tgttttaaat	gcttattttac	60
ttatccttat	tccccattta	ggctctaagc	actaagtggg	tactgcaagt	gctcaaaaat	120
tttggttgct	agaaaatagta	gtgttaagtc	aatgagaaat	ggtcttaaaa	tatagacca	180
gggcagatct	tttccacct	cagtacaatg	agctgtcatg	tgcttactt	gactgggaat	240
ctatcacaaa	tacatgtgca	gacattttcta	gtttagataa	cattaaaaaa	acatttagcg	300
aacagtatgt	attctgtctc	ctccttatac	atcttgca	acattaagga	tttccagttt	360
tcctttccct	caaacagttg	cagaaagtca	gtataagagt	ggt		403

<210> 374
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 374						
gagatttgtt	acgtatttta	gacatcttct	aagtaactcc	acagaagact	ctcaaaacaa	60
aagcgtgacc	tcaacctgcc	tataggtgcc	ctagtggaga	atgcttgata	ccaggtgaca	120
acccccacgc	gccccaatag	tgcaagaaca	aagtggaggc	cagagaaggg	gctggtagtt	180
tcttcttagt	tctcagaagg	cttatctgat	gatccactca	cctctccttc	caccttaagg	240
gaagaatgga	agataataag	caaaacttct	agaaagagca	attagccctt	caacttctaa	300
tatccaggtg	ggtcagttcc	cagtgaagga	ggtaagtggg	caatggtaag	ctgtgccaca	360
caccaagtat	g					371

<210> 375
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 375

tgagtgtggg	gccctgcgtg	acagccctgc	ccctgagtat	ctaattgtgtg	cgttgacagc	60
cctgccccctg	agtatctaata	gtgtgcgtga	cagccctgcc	cctgagtatc	taatgtgact	120
ggctgttgtc	tcccgggata	tcttccaaga	gacagaataa	cctggatctg	aggataaatg	180
ccaggaggaa	gggagaatgt	atccatgggt	cccattctcca	ttagtcaaag	gtacctctac	240
agtgccttca	cagcccaggc	ctgactgcgc	ctagcggctc	ctcagcgttt	caggctcagc	300
agcagcaggg	acaccacaag	tggccaggta	cagcctggaa	cccctcccag	ggctggccct	360
agagggcaggt	aaagtgagga	gcaccttaca	tgggtgcataa	naagtgtcca	atgccagtgc	420

<210> 376

<211> 417

<212> DNA

<213> Homo sapiens

<400> 376

ggcacgggag	gtttcagcga	gctgagatca	caccactgca	ctccagcctt	ggtgacagag	60
tgagactctg	tctcaaaaaa	aaaaaaaaaa	aaaaagcccc	ccccctttat	tattataagg	120
gggccttttg	ggataagccc	aaacccaaaa	aaaatccggg	gggggggggca	ccccccccct	180
gggaattttt	taaaaaaaaa	tgtttttttc	ggacccttgg	ggggggggccc	cctttttttg	240
tcaccgttaa	taggggggaa	aaaagggtgt	aattacaaaa	agggactttt	tttttttttg	300
gggccttggg	ggaggggggg	gggagtttat	tcattgtcccc	tttttcttcc	cagaagagga	360
atatttcccc	cgctcagaaa	gggaatcctg	cgccttttta	tgccctgggg	ggttttg	417

<210> 377

<211> 375

<212> DNA

<213> Homo sapiens

<400> 377

gatttgtggt	gagatttctt	cccaggccac	aagacatttc	ctgctcggaa	ccttgtttac	60
taattgtaag	tacttttaca	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagaaatt	ggatttttct	gtttttttct	tagcaggtta	tattttgagt	180
ttcagctaaa	agactaaggt	tttcttatct	aatggcttta	aattttatata	tttaggcaaa	240
ttcaacaatt	ttttgctaag	cattttgcca	aatgccaggc	ttttcaaaga	agggtaagat	300
cccacccttg	aatcctcatc	aattgctgct	ttttgcagaa	aacacatatt	atacattgta	360
tttagaaaaca	tgaag					375

<210> 378

<211> 164

<212> DNA

<213> Homo sapiens

<400> 378

agtaaaaaca	aatcaagac	taagagagga	ggaattagaa	tgagactcat	gtaccctcct	60
tccccactcc	aggggaagga	gagactgttt	gggaatgcc	tcccactact	tccagggcag	120
aggctgtgca	gaagagcctt	ggagaatctg	cagcccactg	atgg		164

<210> 379

<211> 239

<212> DNA

<213> Homo sapiens

<400> 379

atgccctctc	cccatgaaga	atcactctga	attcttcacc	actgatgctt	tccatccgga	60
ggtgaaacgg	cccagacacc	ctgtcccctc	ccctctctca	ctcctcttac	aggcacagtg	120
cggccctcgc	atgaactccc	cgctgacccc	tgccccctgc	ctgatctcta	tcccacgctc	180
ctctctgcgt	cttctgccta	cctaccgccc	tctcttctca	atccgcgcgc	cgcttcccc	239

<210> 380
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 380
 gaaggaatgt gggcaaggtt ttgaacttga ttgttcttga agctatcaga ccacatcgag 60
 gctcagcagt catccgtggg catttggttt caacaaagaa acctaacatc ctactctgga 120
 aactgatctc ggagttaagg cgaattgttc aagaacacaa actacatcgc actcgtcagt 180
 tgtcagttct ggggcatgac tttagcgttt tgtttctgcg agaacataac gatcactcat 240
 ttttatgtcc cacgtgtgtg tgtccgcac tttctgggtca acattgtttt aactagtcac 300
 tcattagcgt tttcaatagg gctcttaagt ccagtagatt acgggtagtc agttgacgaa 360
 gatctggttt acaagaacta attaaatgtt tcattgcatt tttgag 406

<210> 381
 <211> 406
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(406)
 <223> n = A,T,C or G

<400> 381
 cgttgctgtc gcttgggcaa aagttcagtt aatagtgtg ttctgaaaga tagggttaat 60
 aaacaatttg ttggagaaac acaaagcagg actttcccag taaaatcaca gcaactctct 120
 agaggagcag atcttgcaag accaggagta aaaccctcaa ggacgggttc ctctcacttt 180
 attcggaccc ttagtaaagt tcagtcacat aagaaaccag tagtcaagaa catcaaagat 240
 ataaagggtta ataggagtca atatgaaaga ccagatgaaa ctaagatacg gtcataccct 300
 gttactgaac agagagtga gcacaccana cccagaacat accccagttt gcttcagggt 360
 gaatataaca acagacatcc aaacatcaag caagatcaga agtcen 406

<210> 382
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 382
 caacgcgtct ctgttctggc tacatagggg ggcgcttttt ttttttttcc ccacatgggt 60
 tactgctctt tttgtgtagt tggttaaaac cctgttctt tgttgggtct ggataaggac 120
 gccctctctg tttggatgct tgtggcgtc tacggcgggt ttgttttggc gagccctttt 180
 atatgg 186

<210> 383
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 383
 cgttgctgtc ggaattgaag cccagggtgg tgtccaatgc cagaccatgg atcatcagcc 60
 tgggacacca aagtgccaca ctctcagagt gaggatgac ctcaggaagt cagctctacc 120

accctccaca	ccaggaagtg	caagcagact	cacctcatga	ttgagcagaa	taagagaatc	180
cttgagaagt	cataagtttg	catggatttg	cagcacaagt	tcaaacaact	agatggcacc	240
aaatccctca	atztatgaag	acattttaacg	tggtacccaa	ttggaaacgc	ctcatggcag	300
aaacaaacat	aaatcctttc	tagaaggttg	ccttggtccaa	gtgtttccca	aaccagtttt	360
tttagggaaa	atgcacagct	tactataaaa	aaattttaac	ctaaacttgg	n	411

<210> 384

<211> 354

<212> DNA

<213> Homo sapiens

<400> 384

ctgggaatac	aactgtttcca	gcaaaagggc	cctgtgtcttg	ggaaggccca	cgctgaggag	60
gggaggatgg	cccgacctta	ggggacatag	tcagagacta	tgctttcaag	cctccatggc	120
ctcccttgca	cggcagagaa	gagggatatag	aaagtatgga	cagggagccc	agtggagacg	180
gagctggcca	gccaggaagg	acctatgtat	tctgggcagg	aaggtgagaa	gggctcccta	240
ctccaggcct	gccaggccg	tctcctgctc	caagctccgc	tagctgcccc	gggctacgct	300
agctgccctg	ttgcccgcac	caccacgttc	cctgggcgct	gcgggaggga	aacg	354

<210> 385

<211> 381

<212> DNA

<213> Homo sapiens

<400> 385

tgctcagcc	tctcgagtag	ttgagactac	aggtgcccac	caccatgcgt	ggctaatttt	60
tgtattttta	atagagacgg	ggttttacca	tactggccag	gttggctctg	aactcctgac	120
cttgtggcct	gctgcctcg	gctcccaaaa	gtgttgggat	tacaggcgtg	agccaccatg	180
cctggactaa	gagtgtgtgt	gtgagtatga	ctttctcaat	tcgctctcc	cctccccttc	240
cttattgctg	catcagggta	gtctttccgt	aagacacgtc	gcaatcaagg	cggctcgagtc	300
ctagacatcc	tttcttcctt	agggcgtcca	gctcattgca	ttaacacgac	tatctgtttt	360
ttatctacgg	tgctgtagacc	g				381

<210> 386

<211> 398

<212> DNA

<213> Homo sapiens

<400> 386

ggcacgagac	aaaatgggtt	caccaggctt	gtttacaacg	ctgggtggat	gaaaagcaaa	60
gaggaaacag	tacagccaga	gtggcatgtc	ctcagtgcaa	tgctgaatac	ctaatagttt	120
ttccaaaatt	gggtccagtg	gtttacgtct	tggatcttgc	agatagactg	atctcaaaag	180
cctgtccatt	tgctgcagca	ggaataatgg	tcggctctat	ctattggaca	gctgtgactt	240
atggagcagt	gacagtgatg	caggttgtag	gtcataaaga	aggtctggat	gttatggaga	300
gagctgatcc	tttattcctt	ttaattggac	ttcctactat	tcctgtcatg	ctgatattag	360
gcaagatgat	tccctgggag	gacttatgtg	cttagact			398

<210> 387

<211> 383

<212> DNA

<213> Homo sapiens

<400> 387

gatttgtggt	gagattctct	cccaggccac	aagacatttc	ctgctcggaa	ccttgtttac	60
taattgtaag	tactttacaa	gtaagaactt	gttttaaaaa	cttagcattc	aaaaaaaaaa	120
agcttttttt	aaaagtaatt	ggattttctg	gtttttttct	taccaggtta	tatttttgagt	180
ttcagctaaa	aaactaagggt	tttcttatct	aatggcttta	aatttatata	ttaagccaaa	240

ttcaccattt tcttggttaag cattttgcc aatgccaggc ttttcaaagt agggaaagat	300
cccagccttg aatcctcatc aattgctgct ttttgagca aacacatatt atacattgta	360
tttaggaaca gggatcatta atg	383

<210> 388
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 388	
cgttgctgtc ggttttatct acactataac ccttgagtt cccaatctgg tcgatgaagt	60
gtaaaacttt cacgcttcga tgatgtcact gcctctgaca tctttgaaaa gacgatagtt	120
gtgtgctgc tgaacatata tgaaatgcat gcaaaaagag tttgttgaaa ctctttgtta	180
caacttgctc tttccgcttc acattctacc tggcctctaa tttaatatta attgttttgg	240
aaatcagaga caccaaaaag acccacaaga cttaatgggg tcccatcagt catcataatt	300
tgatttgaaa ggctgaaagc gggcaccact gtcattcata tccaaacagt actattgaca	360
ggaaatggac tattaggacc agctggcaaa ccactccctg cactn	405

<210> 389
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 389	
cgttgctgtc ggaggaagga agcctgcaga cagacgcctt ctccatccca aggcgcgggc	60
aggtgccggg acgctgggcc tggcggtgtt ttcgtcgtgc tcagcgggtg gaggaggcgg	120
aagaaaccag agcctgggag attaacagga aacttccaag atggaaactt tgtctttccc	180
cagatataat gtagctgaga ttgtgattca tattcgcaat aagatcttaa caggagctga	240
tggtaaaaac ctcaccaaga atgatcttta tccaaatcca aagcctgaag tcttgacat	300
gatctacatg agagccttac aaatagtata tggaattcga ctggaacatt tttacatgat	360
gccagtgaac tctgaagtca tgtatccaca tttaatggaa ggctt	405

<210> 390
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 390	
cgttgctgtc gtcaggacac cgggagtgga aggcaaccgg tacgcgctgg gtctcagccg	60
ctgcaaaaac ccggcatcgc agggcaagag ttgttccagc gtctccgct gactccaaac	120
cagcgggtct tgaccaaggg attccaagag agaggattag gcccggtctaa gcacctggga	180
gcagctgtgg aaaaaggaga gacaatcatc aggcacgatg ccaaaaatga actgtgacct	240
gaaaaagaga agaaaggaaa attgtgcagg atgctacgtt ttgtttttta aaagtggggg	300
ttgaggcaat aaaatacggg atatttgatt aacgtaatcc agaattgtaa agttgattgc	360
tcgggaggaa gaaaggactg ggacacaggc gatgggccta cn	402

<210> 391

<211> 417
 <212> DNA
 <213> Homo sapiens

<400> 391
 cggttgctgtc gggaggctga agtgggagga tcctttgaac ccaagagttt gaggctgcag 60
 caagccatga tcacaccact gcactccagc ctgggtgaca gagtaagacc ctgtctcaaa 120
 ctttttttaa aatgaaagaa tccaaccttt ttttactctg acctgcgaga gtgcagaggg 180
 tctggggaaac atttgcagaa gcaacaggta ccagccagtg ctggaaggag ctcaccctgg 240
 gaggtctcgt cagcctctgt ccttcattggc tgtcccttgt gtcccatgtg gagagccctt 300
 cctccctttc cacatggtaa gcactgagcc caatttcttc tcacccacaca gatgggtccct 360
 cagagcagag atgtctaataa aaaggttcag attcagatca ctaactttcc atcttcc 417

<210> 392
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 392
 cggcacgagg agacaggact acgcgcctgg agtaggagaa ggaggaaaaa agagaccata 60
 gacttgcata ctggcctaga gcggccctta aagtgccagg gagaggaggg cgggtgggga 120
 ccactccaga attggcgcgt ggcgggtatca tggcgaccog gaacccccct cccaagact 180
 atgaaagtga tgacgactct tatgaagtgt tggatttaac tgagtatgca agaagacacc 240
 agtgggtgaa tgcagtgttt ggccacagtt cgggacctat ggtagaaaaa tactcagtag 300
 ctaccagat tgtaattgggt ggcgttactg gctgggtgtgc aggatttctg ttccagaaag 360
 ttggaaaact tgcagcaact gcagtaggtg gtggctttct tcttc 405

<210> 393
 <211> 421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (421)
 <223> n = A,T,C or G

<400> 393
 atcgattcga attccgttgc tgtcgcagca ccattatttg ggtctttcag ggtggccatc 60
 tctgttagaa gacagtagca tgtaaactc actgcattga gtttttgtct ggtgtaaaga 120
 atgactttta atgtaaaca actgcagggt tttttcaaac taattttaag aatttagtct 180
 tatttcgttg taaactgcgg atctaattat attacattac tctgttcaga tgggatggat 240
 actaccactt gtccatgatt ttcatttgaa aagcaaggat ctatatcatt tccccccaga 300
 cagcattatt taacactccc cttaactgtg tttgaaactt ctcttttaac acaaagtgtca 360
 cgtctttaca gttgtaatat caccatgttt cccattgctg ataatactta tatgaacccc 420
 n 421

<210> 394
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 394
 ggcacgagcc aacctgggca gctgcaatga ctctaaactg gagttcagga gtttctggga 60
 gctgattgga gaagcggcca agagtgtgaa gctggagagg cctgtccggg ggcactgaga 120
 actccctctg gaattcttgg ggggtgttgg ggagagactg tgggcctgga aataaaactt 180
 gtctcctcta ccaccaccct gtaccctagc ctgcacctgt ccacatctct gcaaagttca 240

gcttccttcc	ccaggtctct	gtgcactctg	tcttggatgc	tctggggagc	tcatgggtgg	300
aggagtctcc	accagagggg	ggctcagggg	actggttggg	ccagggatga	atatttgagg	360
gataaaaatt	gtgtaagagc	caaagaattg	gtagtagggg	gagaacagag	aggagctg	418

<210> 395
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 395						
tcgaattccg	ttgctgtcgg	gggtttcatc	atgttggtca	tgctggtcct	gaactcctga	60
cctcaggtga	tccatcttcc	tcagcctccc	aaagtgctgg	gattacaggc	gtgagccgcc	120
acgtccggct	aacaagtact	tttttatttt	tattttattt	tttggatgga	gtctcactct	180
gtcgccact	gcactctagt	ctgggtgaca	gagcaagact	ccatctcaaa	aaaaaaaaaa	240
aaaaaatttt	ggtaacctta	gggggtttaaa	aacaacaaaa	ttcatttcca	ttttggaggg	300
tggaaccccc	aaaataaagc	ccccagaaaa	gccacctctt	ttttgagagg	ggagggggccc	360
catggaaggg	ttggcccctg	cccttgagcc	cggatgaacc	cccn		404

<210> 396
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 396						
tcgaattccg	ttgctgtcgg	gaggatactt	tcctgtcccc	tggttttggg	tttggcccacg	60
tggtttgttc	tggtccttga	atgaagcaga	aacgaaaggc	tgccagttcc	gagcccacgt	120
ctgaagtgc	cttaggtggg	tcgcggggcc	ccgtgcgctc	ccaccttcac	ccagagggcc	180
ttctctgggt	cagccgctgc	ttcttcagcc	tcgcggccaaa	aggaacggag	ccccctggcc	240
gatccgcagg	cctacagggg	gccacagagc	gcagcggtcg	gaccagcggt	caagcccaag	300
cacaggcctg	cgagaacctt	gttcacagcc	ccgtttatga	tggttgatta	tgacgcgttg	360
cagtggcggt	agtcaccaa	tcagtgcggt	gcacccgctc	ctt		403

<210> 397
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 397						
cggttgctgc	gcacttttagg	gattgtttaca	gtcactgttc	aatgtgcctt	cccatagagt	60
tctttcattc	ctttgtctcaa	caagaaaact	tggtcaaagcc	tttaaataata	gaggcccttt	120
tttttttttt	ttttcccca	aaaaaattct	aatgggggtgc	cccggctggg	aggggagggc	180
cgaatcttga	gctagtgtgt	ccccccgacc	ccgaaatgaa	gggaattgcc	cggcttagca	240
ttcccaagtg	acgggagaaa	gcggtgttac	ccccaccac	gctggaatga	tcgagtcgca	300
tgactgagc	ggtcagacgc	gggaagtaag	aggcaaccgg	agcaccatt	tggtattacgt	360
aggtgctagt	ttttggccag	gaaccggaga	gaatgcggcc	tgcatggacn		410

<210> 398

<211> 420
 <212> DNA
 <213> Homo sapiens

<400> 398
 ggcacgagaa tccttaaggg cgagttggca tggatcatct acaaaaattc tgtaagcata 60
 attaaaggtg cagaatttca cgtgtcactg ctttcgattg cacagctatt tgactttgcc 120
 aaagatctac aaaaagagat ttatgatgac cttcaggctc tacacacaga tgatcctctc 180
 acttgggatt atgtggcaag gcgagaatta gagattgagt cacagacaga agagcagcct 240
 acaacgaaac aagccaaagc agtggagggtc ggccggaagg aggagagggtg ctgtgctgtg 300
 tatgaagagg cagtgaagac tctgccaaca gaggccatgt ggaagtgtta catcaccttt 360
 tgcttggaaa gatttactaa gaagtcaaat agtgggttcc ttatagggaagg gaggttggaa 420

<210> 399
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (400)
 <223> n = A,T,C or G

<400> 399
 cgttgctgtc gagaagttct tcgtcggcgc ctagcgacgc ccaacacctg tccaaacact 60
 gcctgctgaa gatgaagtct tactacagaa attaagagag gaatcaagag ctgtcctttct 120
 acaaagaaaa agcagagaaac tgtagataa tgaagaatta cagaacttat ggtttttgct 180
 ggacaaacac cagacaccac ctatgattgg agaggaagcg atgatcaatt acgaaaactt 240
 tttgaagggt ggtgaaaagg ctggagcaaa gtgcaagcaa tttttcacag caaaagtctt 300
 tgctaaactc cttcatacag attcatatgg aagaatttcc atcatgcagt tctttaatta 360
 tgtcatgaga aaangttggc ttcatacaaac aagaatagga 400

<210> 400
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 400
 ttccgaaaca agcccggcct ttggccgaag cggcctacgg ctgttataag acgactttaa 60
 tgggtgggag agaattgttag cttttgaagc ttttttatgt agcgtctctc tctttttggt 120
 gataccccag ggggtggctca cttgtattag agaacttta cagtccttag ggtttctgaa 180
 cagatgtttt tcctccctta aatgggtgaag taccaccacc tcttggccag gtggaagtgg 240
 atgagtctgg accactggga tcagtgcagg gaagagccca gggaaaattt ctggggacat 300
 agagccacat ttcagttttc ttcccaggga agaacagatt gtcaggacac tggatcccaa 360
 tgagtgggac gtactaaatt cttagcaagt gcacattaaa attcagggtg ggagagaagg 420
 ata 423

<210> 401
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 401
 gcaataaatt gtaaaagaag cattcatatg cttctgttaa atccactgtc tttttttgag 60
 acagaatttc gtacttggtg cgcaggctgg agtgcaatgg caccatcttg gtcacacctc 120
 acctccgctt cccagggttc agcgattcta ctgcctcaat ctcttaata tctcggcata 180
 gaacactcat gccccgcccg ccaccttgac tcagttactg tccatatctc cctcagcctc 240

aacatacctg	ctctcccg	tttaccacc	tcttacccca	ctcatctctt	cccaccacgt	300
cgtaccacag	caacaagaac	ccattctctc	ctgttcattc	cctcgactta	tccacgacaa	360
ctaatacacc	tgtattcccg					380

<210> 402
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 402						
cggttgctgtc	gccttccctca	aagcatgggt	gctgagtacc	cagagttgcg	aggagttttt	60
taactgattt	agccaggtgg	caatcatgag	tgaatggatg	aagaaaggcc	ccttagaatg	120
gcaagattac	atttacaaag	aggtccgagt	gacagccagt	gagaagaatg	agtataaagg	180
atgggtttta	actacagacc	cagtctctgc	caatattgtc	cttgtgaact	tccttgaaga	240
tggcagcatg	tctgtgaccg	gaattatggg	acatgctgtg	cagactgttg	aaactatgaa	300
tgaaggggac	catagagtga	gggagaagct	gatgcatttg	ttcacgtctg	gagactgcaa	360
agcatacagc	ccagaggatc	tgggaagagag	aaagaacagc	ct		402

<210> 403
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 403						
ggcacgcggg	tgccttctag	cttataacca	ttttccttgt	ctcttctggg	ttgggcagga	60
ctgacactcc	gaacctggcg	gaagaagggt	catcttctct	gcacagtgtg	ggttcttgga	120
gttcatccag	ggaaggcggc	gcctctttct	caggctcctg	aggctggtct	ctgagcctgc	180
ccccacgaac	tttctggatt	ccaaggaggg	atggtgagcc	ctttgacctc	tgcagacctt	240
ctactttgca	aaagcagcat	tgaagcagcc	ttttccattt	gtagaaggga	cagggagtca	300
gatccccctt	accccccggc	tttcaggacc	ccagaagtgc	cttccaagct	tcccccaaga	360
tccacatcac	ccacgaacct	gccactgttt	ttgctgtgcc			400

<210> 404
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 404						
ggcacgaggc	ccgctggggc	actgcctgcg	ggactgggag	gatctacagc	aggacttcca	60
gaacatccag	gagacccatc	ggctctaccg	cctgaagctg	gaggagctga	ccaaacttca	120
gaacaattgc	accagctcca	tcacgcggca	gaagaagcgg	ctccaggagc	tggccctcgc	180
cctgaagaaa	tgaaaacctt	ccctcccagc	agaggccgag	ggggccgcac	aggagctgga	240
gaaccagatg	aaagagcgcc	aaggcctctt	ctttgacatg	gaggcctatt	tgcctaagaa	300
gaatggattg	tacctgagcc	tggttctggg	gaacgtcaac	gtcacgctcc	tgagcaagca	360
ggctaagttt	gcctacaagg	acgagtatga	gaagttcan			399

<210> 405
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 405

cgttgctgtc	ggcaggggct	aggggtggag	gccagggttc	caaggaaaag	ggccgagggg	60
gttggggagg	ccgccaccac	caccaccacc	cactgcctgc	agcaggcttc	aaaaagcaac	120
agcgcaagtt	ccagtatggg	aattattgca	aatactatgg	gtaccgcaat	ccttcctgtg	180
aggatgggcg	ccttcgggtg	ttgaagcctg	agtggtttcg	gggccgggac	gtcctacatc	240
tgggctgcaa	tgtggggccat	ctgaccctga	gcattgcctg	caagtggggc	ccgtcccgcg	300
tggtagggcct	ggatatcgat	tcccggctca	tccattctgc	ccgccaaaac	atccgacact	360
acctttccga	ggagctgctg	ctcccacccc	agactttgga	aggggacc		408

<210> 406
 <211> 405
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

cgttgctgtc	ggcaggggct	aggggtggag	gccagggttc	caaggaaaag	ggccgagggg	60
gttggggagg	ccgccaccac	caccaccacc	cactgcctgc	agcaggcttc	aaaaagcaac	120
agcgcaagtt	ccagtatggg	aattattgca	aatactatgg	gtaccgcaat	ccttcctgtg	180
aggatgggcg	ccttcgggtg	ttgaagcctg	agtggtttcg	gggccgggac	gtcctagatc	240
tgggctgcaa	tgtggggccat	ctgaccctga	gcattgcctg	caagtggggc	ccgtcccgcg	300
tggtagggcct	ggatatcgat	tcccggctca	tccattctgc	ccgccaaaac	atccgacact	360
acctttccga	ggagctgctg	ctcccacccc	agactttgga	aggggn		405

<210> 407
 <211> 409
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

cgttgctgtc	ggcttcctag	ctaccaataa	tttgtctttg	tctcagcaac	taaaggccat	60
ttatgtggag	tatggctacc	atattactaa	agcttcctat	tttatctgcc	atgatcaaga	120
aaccattaag	aaattatttg	aaaacctcag	aaactacgat	ggaaaaaata	attatccaaa	180
agcttgtggc	aaatttgaaa	tttctgccat	tagggacctt	acaactggct	atgatgatag	240
ccaacctgat	aaaaaagctg	ttcttcccac	tagtaaaagc	agccaaatga	tcaccttcac	300
ctttgcta	ggaggcgtgg	ccaccatg	caccagtggg	acagagccca	naatcaagta	360
ctatgcagag	ctgtgtgccc	cacctgggaa	cagggatcct	gagcagctg		409

<210> 408
 <211> 402
 <212> DNA
 <213> Homo sapiens

cgttgctgtc	ggaagagtta	gtagtagggt	atgaaacctc	tctaaaaagc	tgccggttat	60
ttaaccccaa	tgatgatgga	aaggagggaac	caccaaccac	attactttgg	gtccagtact	120
acttggcaca	acattatgac	aaaattgggt	agccatctat	tgctttggag	tacataaata	180
ctgctattga	aagtacacct	acattaatag	aactctttct	cgtgaaagct	aaaatctata	240
agcatgctgg	aaatattaaa	gaagctgcaa	ggtggatgga	tgaggcccag	gccttgga	300

cagcagacag	atztatcaac	tccaaatgtg	caaaatacat	gctaaaagcc	aacctgatta	360
aagaagctga	agaaatgtgc	tcaaagttta	caagggaagg	aa		402

<210> 409
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 409						
cggtgctgtc	gccataatgc	aactggtagc	cacagagtac	ttattcattc	atttcccaga	60
tcatcatgaa	ggacacttaa	ctttgttgcg	aagctctttg	gtgaataata	gaactcaggc	120
caaggtagcg	gaggagctgg	gcatgcagga	gtacgccata	accaacgaca	agaccaagag	180
gcctgtggcg	cttcgcacca	agaccttggc	ggaccttttg	gaatcattta	ttgcagcgct	240
gtacattgat	aaggatttgg	aatatgttca	tactttcatg	aatgtctgct	tctttccacg	300
attgaaagag	ttcattttga	accaggattg	gaatgacccc	aaatcccagc	ttcagcagtg	360
ttgcttgaca	cttaggacag	aaggaaaaga	gccagacatt	cctct		405

<210> 410
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 410						
cggtgctgtc	ggcgggcgcg	gcctcctgct	ctttgtggat	gaagcggacg	ccttccttcg	60
gaagcggagcc	accgagaaga	taagcgagga	cctcagggcc	acactgaacg	ccttcctgta	120
ccgcacgggc	cagcacagca	acaagttcat	gctggctcctg	gccagcaacc	aaccagagca	180
gttcgactgg	gccatcaatg	accgcatcaa	tgagatggtc	cacttcgacc	tgccagggca	240
ggaggaacgg	gagcgcctgg	tgagaatgta	ttttgacaag	tatgttctta	agccggccac	300
agaaggaaag	cagcgcctga	agctggccca	gtttgactac	gggaggaagt	gctcggaggt	360
cgctcggctg	acggagggca	tgtcggggccg	ggagatcgct	cagctggccg	n	411

<210> 411
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 411						
ggataagaaa	tattcagctt	ggtttctttg	gaagtatat	tggattaatg	ggtgtataca	60
tttatgatgg	agaactggta	tcaaagaatg	gattttttca	gggatataac	cgactgacct	120
ggatagtagt	tggtcttcag	gcacttggag	gccttgtaat	agctgctgtt	attaagtatg	180
cagataatat	tttaaaagga	tttgcaacct	ctttatcgat	aatattatca	acattgatct	240
cctatttttg	gcttcaagat	tttgtgccaa	ccagtgtctt	tttccttga	gccatccttg	300
taataacagc	tacttttttg	tatggttatg	atccccaac	ctgcagggaa	atccacttaa	360

<210> 412
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 412						
cggtgctgtc	gctggatcac	ggctgcta	ctggatgaag	cccatgggaa	cactcatatg	60
gtggagagga	tcattgaccg	agccatcacc	tcgctgcggg	ccaacggagg	ggatatcaac	120

cgggagcact	ggatccagga	tgcctacgaa	tgtgacaagg	ctgggagtg	ggtcacctgc	180
catgccgata	tgcgtgccgt	gattgtgatt	gggattgagg	aggaagatcg	gaagcatacc	240
tgcattggagg	atgctgacag	ttgtgtaacc	cacaatgccc	tgggtgtgtgc	acgagccatc	300
tacgcctacg	ccctgcaggt	gttccccagc	aagaagagt	tgtggctgcg	cgccgcgtac	360
ttctagaaga	accatggcac	tcgggagtc	ctggaagcac	tcttg		405

<210> 413
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 413						
cgttgctgtc	ggggcatcag	ccccctcccg	ggcggagagc	gcttcccgta	cccttctttc	60
cactgggacc	ccatccggga	ccccttgagg	gacccctacc	gagaacttga	cattcaccgg	120
agagaccgc	tgggcaggga	cttcctgcta	aggaacgacc	cgctccaccg	gctctcgact	180
ccccggctgt	acgaagccga	ccgctccttc	agggaccggg	agcctcacga	ctacagccac	240
caccaccacc	accaccaccc	gctgtctgtg	gaccctcggc	gggagcacga	gcggggaggc	300
cacctggacg	agcgggagcg	cttgacatg	ctcagagaag	actacgagca	cacgcggctc	360
cactccgtgc	accccgctc	cctcgacgga	cacctcccc			400

<210> 414
 <211> 399
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 414						
gagaagcaca	cctacacctc	atgggatctt	gaggacatgg	aaaaataccg	catgcagtcc	60
atccggagag	agagccgtgc	tgggcataag	gtgaaagggc	ctgtcatgtc	ccaatatgat	120
aacatgaccc	cggcggtgca	ggacgacttg	ggtgggatct	atgtcatcca	tctgcgtagt	180
aaatcagatc	ctgggaaaac	tggacttctc	tcagtggcag	aatgaaagga	gagccgccat	240
gcagccaagg	ccatcagtc	cgagggagag	gaccgcttct	ataggaggca	tcccagggca	300
gagatggaca	gagcccacca	tcacggaggc	catggtagca	cgcagccgga	gaagccatcc	360
ctgcctcaga	agcagagcag	cctgaggagc	aagaagctn			399

<210> 415
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 415						
aaaggggtggg	agtggggcta	cagataaaaa	actatacagt	aagtataatg	tacactgctt	60
gggtgacagg	agcactaaaa	tcttataatt	cactgctata	taattcacc	atgtaacgaa	120
aaaaacgctt	ataccacaca	agctattgaa	aaaaaaaaaa	gtatccctta	ggaataacaat	180
tttttttttg	aggctgtacg	gcaggtgacc	tattttttatc	ataaactcaa	aaggggtttg	240
ctaattttta	catacatact	ctaggggcta	atttcacagg	gtagcacaag	gctttaacaa	300
tttcttctgt	caattaaatc	aatttaacaa	taaactggaa	aatgaaaag		348

<210> 416
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 416
 atggcctttgg cctctgagtc tttccaagta gtggcgcttg tgggtctgcc ctccgcaaga 60
 catctgtcgt gagtgtgact cttcttcaga tcagcaacag cagtcgttcc ctcccccgaa 120
 ctcatctca agccagtcag taagactctc ttcaaaggga gttgtcctgt aagtcctggc 180
 aaccgagtgg tgcagcttag gagtgcctgt atgcgtttta aaacggacag ctggccgggc 240
 gcagtggctc acgcctgtaa tccaacact ttgggaggtc gaggcgggag gatcacttga 300
 gggcaggagt tcaagaccag cctggccaac atagagaaac cctgtctcta cgaaaaaaan 360

<210> 417
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 417
 gggaaatttg attattgata aatcatttga tattagttag aaattgttaa ttaagagtga 60
 taatgacatt atgggttatgt aagaaagtgt ccataatttta gagatgctaa tagaaggatg 120
 aagaaataaa atgatgtgac ttttgtgttt gcttaagtta ctttggtaaa gaaagaaata 180
 ataaaaaac taaatgaagc atatttgttg aagatcattt gaccatatac acaagagttt 240
 atttctgggc tctattttat tccattgggc tatttgtctg ttttcatgcc agcactacac 300
 tgttttgatt actatggcct tgtaatatgt ttgaaatca ggan 344

<210> 418
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 418
 ttccttcaaa ttctgtctat atagtatttt agcaaaccta tgctagtaac attagaaaaa 60
 aaataaattt actaaccaaa gactttatga aggtcataca tgaagaaatg ggtgttttag 120
 taagaaacag aaatttctta agcttctcat tagatttctt tagatttttag ttcaaaatag 180
 atttgagtga gtttatttct gatgcgttgc tttaccctg 219

<210> 419
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 419
 gatgccttga gagtttctct ttgcacaatc tgtttgtctg tagagaagtg gcatccagag 60
 ggcggtaggg gaggaaaaaa aatgaagta atgggacaga gcagacacag gtaaagaggg 120
 ccttaggtcc tcaggaaagg ggaaaggag ggatatggcc cttccctcca ggtcctcata 180
 tttgttgccc cttgttctcg aacggaccca gaggccttgc ttcagagggt tctaatttac 240

tctgtattcn	tgtgtggaaa	agcaagaggc	agcatgtcca	gtggactgtg	agactgagca	300
ctctaaagcc	agtaggggtca	agtcactggt	agcccactgg	cacc		344

<210> 420
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 420						
cagtacattg	ggcaaataat	gattacgatg	agaggcatga	cagtgaatgg	atgaaacgat	60
tctgtttttg	tttttttttt	ttcccccaaa	attgagtccc	ctcaattttt	ttcaccggtta	120
ttcacagact	tcaaaggctt	aattactgcc	tgttagattt	aggagggttt	aaattttgcc	180
ccctatgttc	cttgaaaaca	ccgctcttta	aaaaaggggg	aaaaggccgg	gggcgggtggc	240
tcaaacctga	aatcccaacc	tttggggagg	ttgagtcagg	cggttcacaa	gggcgggaaa	300
cctacccttt	ttactaacgt	ggttaccccc	gctttactaa	actcccaata	ttg	353

<210> 421
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 421						
cgttctgtgc	ggatatgatg	ttttattcct	agcctttcct	caacacatgg	attcattctg	60
caaagcaggt	gagagaggag	gcaggtcagg	tctttactag	aaagccttac	ctgacaccag	120
atgctgtaga	gaaacccagt	ttctagaagg	ctgtcattgt	ccacaggtct	ggggagaact	180
ctttttttct	tgcacatctc	aacctcttcc	atttggggaa	ttcacaattg	tgtaagtctt	240
gggtggaagac	aggatcctgt	ttctgggtcaa	ggaaaataca	aggtcagata	tggtgtctcc	300
ctgaacgttg	gtgtgtgaat	cagggttcct	cagagaaaaat	agaaccaata	ggggcttgtg	360
tgtgtgtgca	cgtgtgcacg	n				381

<210> 422
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 422						
ctaatacata	ggataaatac	ttgagggtgat	ggatacccta	tttaccctga	tgtgattatt	60
attcattgca	tgccgtgatg	aaaatatctc	atgaaaccat	aaatatatac	cctagtatct	120
acccatggaa	ataaaaaatta	aaaaaataat	aataattaaa	aaaacagtaa	agcagacatt	180
ataggggaagt	tttcaaaaaa	agaaactaaa	ataaggtaaa	ataacaaggg	ctcaatcttc	240
tgtttttgnt	cattttattca	cactgctgcc	taacataaaa	gaaatatacg	aacataaatg	300
ggaagaaatt	ccatccagaa	ctctatcata	tttacccttt	ttaaatcttg	gttaaaaa	358

<210> 423
 <211> 356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 423
 ggaagaaatg catcactagg ggttgattcc caatctgac aactgataat ggggtgagaga 60
 gcaggtaaga gccaaagtca ccttagtgga aagggttaaaa accagagcct ggaaaccaag 120
 atgattgatt tgacaaggta ttttagtcta gttttatatg aacgggttgta tcagggtaac 180
 caactcgatt tgggatgaat cttagggcac caaagactaa gacagtatct ttaagattgc 240
 tagggaaaag ggccctatgt gtcaggcctc tgagcccaag ccaagcatcg catccctgt 300
 gatttgcacg tatacatcca gatggcctan agtaactgaa gatccacaaa agaagg 356

<210> 424
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 424
 tactgtcatt tgtgcatatg tagttacatt ttcctggaaa gacctctctg tcttttcaaa 60
 ttgttatgtt ccttgaagac ccaattcaaa attaactttg ttgtgtgaaa aatttctttg 120
 ccattcctta gaaggaataa ttattcctga cataacttaat atttgatatg tattactatt 180
 ttatcgctac ctttggtatc ttgtgtgtct ttactcacct cataaagagg ggttttatgc 240
 accggctaata ctaacaacta cttcttaaaa tccgtgtatt aggacttggt aatttataat 300
 aaaggcccgt cgggtcaactg cgtgctttaa actataaaaa tgggggcttt acacag 356

<210> 425
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 425
 catttggcag cagtgaactg tctcaggaag gcattttaag gggagctggg attgtcatcc 60
 tagggaaatg gccttttggc agcattgaac tgtctcagga aggcatttta agagggctgg 120
 aattgtcaat tgtcatacta gggaaatggc cttgagcgaa taaaaactat gctagggttt 180
 gttcaagtct ctttgtgtgt gtgtgtgtgt gtgtgtgtgt gtctgtgtgt gtgtgtctgg 240
 gggtcangtg ggtgaaactg tgctgaaatt tgcagatcgt ataggccaac ggtgaggcct 300
 aaatgaaaag tgtgctcata gagggccgat gtaagtttgc gcataaaagg g 351

<210> 426
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 426
 atattctttc cacaattcct cttactggaa tattgagggg agaaaacaga ttgatgaaaa 60
 acgtgcaaag ccagattact taacagttcg ctttcgcaag tctgaacact gaaagacagt 120
 aggtaatatt ccttagagta gaggagaaag taatgtaaac ctggggttct tccctcacc 180
 aagatgggtg tatcaggtta aggtgacaga taaatatttt ttggtatgaa taatccaaac 240
 aatatatcag gcttaagttc ttcctgaaag aaaaatgttc aatcacttaa aagagaacag 300
 tataaggccg gacgtggtgg ctgacgcctg taatcccage actttgggag gccgaaga 358

<210> 427
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 427
 tggagaaga agaattgtct tggggccacac ataaaaataca ctaacagtag ctgatgagct 60
 ataaaaaaaaa aaaaaaaagg ggctggccat atttttcagg attccccct tcccaaataa 120
 ccaaaaaagc cctcccttta aaggggctga acatggttgt taactgcca caccagtacc 180
 cataaacccc atggggcttt gaaattttta ttttattttt tatctgataa agttaaatt 240
 ttagtttctt gcccgggccc ggggggtccc ctttattccc caccactctt gggaggcccg 300
 agctctgggtg ggtcccagat ctaaataaat atatcctctt cttcg 345

<210> 428
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 428
 tgtgcgaatg cttcacatct tccataaatc aaaagggaaa aaaaagttgt gagtgaatg 60
 tcattaacca ggacatttta gaaatgcaga acctggactt ttgattgcac accatagata 120
 aaaatgcagg aaaccatagt ttccaactca tggcaccatc attttgtatc tttggggcta 180
 taacttgccc tgggaagaac tatttcattt ctcaacaatt ctaactcttc ttctgaggaa 240
 tcccagttac tactgagaat gagtccaata acttccttca atgttaagtc agtgatccag 300
 ccagaatcag aaatattctt a 321

<210> 429
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 429
 attttaagat aaccttgaaa agaattggaaa tggtagatca tttgaaagggt agtggggaaa 60
 gtaagaaagt gtggaacagg aaaaaaaacc aagaacttaa gaagtaaaag caggtaagat 120
 taataaaaaag aaagactata aaaagaaggg gaaaaaaaaa catagaaaaa aaatcgaaac 180
 acatcagtgga ccagaataaa ggcaaacagt cactactgcc agttaaaaga cagattctag 240
 gccaaagcgtg gggggtcacg cctgtaatcc caacactttg ggaggccaag gcagatgggt 300
 cacctgaggt caggagtttg agacctgcct ggccaacatg gtgn 344

<210> 430
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 430
 ttcaggactg tgagaaataa atgcttttta gttataagcc acccaattta tgtgttttgt 60
 tataagatcc cccaatggac tcagacaatt tggctggcca gttctggctc tgggtctccc 120
 atgaggctgc catcgtagat cagccagggc tgcagtcac tcaaggcctg actgggggca 180
 tcttgagggc tggataccac aagtacctac catgagctag gtggtgtaca agtaatatat 240
 agcaacaaca atcataatgt acaattggaa gttatttcat gtttactatg tgtccagatg 300
 ttaagtactt tccctgagtt acctccttta tcttcataaa aaccctacaa atttggtctg 360

ggtatcatc

369

<210> 431

<211> 360

<212> DNA

<213> Homo sapiens

<400> 431

aggggcttcc	cagacctgtg	actgactgaa	cacgtgtgtg	tcattacagc	aaagaccaat	60
aaggcttgca	ggaaaaactt	gttgaattct	ctttgaccta	aagtcaccca	cattcattta	120
actgtgaagc	tcttttcttc	ccactgcgta	gcatacctatg	gatctatcat	tcttttaaat	180
cggatgagg	aattctggtg	tagataccat	ttgtaattag	atagagtctc	ttaacctctt	240
tggacatac	gccttttgag	aaaaggatgg	tcggaaggga	ttgtgcacaa	ttctgtgctc	300
ttogaagccc	accgaagacc	cgcctccatg	atcagggaaa	gcaaagaagg	gaacaaaaaa	360

<210> 432

<211> 355

<212> DNA

<213> Homo sapiens

<400> 432

gcctgagtga	cagagtaaga	ctccgtctca	aaaaataaat	taaaaaaaat	tttttaattct	60
acataacact	gatatataga	aaaaatgacc	atgctgaaac	actgtggatt	ttagaagcaa	120
tgcgctggtg	atagcccaca	atgattgtca	gttcacatgc	aagagtccca	atgcaacctg	180
aggattaata	tgcataaaac	cgcagttggt	ctaaaggtag	aagttactta	catgcacata	240
cataatgtac	acctacacgc	agttttttta	aagacagaag	aaatgtcaat	agtaaccaat	300
gtcaacagca	cacgttataa	gtgtggaatt	atgggtttct	ttttagtttt	ctata	355

<210> 433

<211> 392

<212> DNA

<213> Homo sapiens

<400> 433

cggttgctgct	ggcaggctaa	tgtttcatat	gcatgtatct	tattttttatt	taaagttatt	60
tttacatggc	agtggaaatg	gccttcatct	gtcaacatta	acccatttgg	acttgcaggg	120
cactccctta	aaaggaactg	tcgcttaggg	gattaggcaa	ctaaaccgga	cctcttgaat	180
tacttcttca	ctgtgctttc	tgaggaaatg	ctgattgggt	actgctaaag	attccactaa	240
caattcaaat	tggggatctt	tgttcccatg	gcatgaaaat	gcccattgcc	gcatgcaaaa	300
atgctgaggg	tctgaaagac	agattgtttt	gtggaaagta	aagagctctg	gtctggaaga	360
agctgtttcc	cttaagcgtg	ttcgggtgtg	at			392

<210> 434

<211> 355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(355)

<223> n = A,T,C or G

<400> 434

tcagcctccc	aagtagctgg	gatcacaggt	tatctctagg	atagcttcta	acccaacatt	60
aagcactaaa	ataaatattg	cttccctttg	cagtctctcc	tagggccagc	caagatggaa	120
tgggggatgg	tcagaggaaa	aaggggcaga	gagtactctg	cctcatccag	ttccaaatgt	180
tgggggtccc	caaggctcag	acctaggccc	tcttctcttt	cctctctaca	ctcttttctt	240

agaagtcacc	tcatctgttg	ccatggggtt	gggtaccata	gttatacact	ggtaactcca	300
aaatccacat	ctccagccca	taactctcct	ctgaatgcc	aattctccac	ttggn	355

<210> 435
 <211> 308
 <212> DNA
 <213> Homo sapiens

<400> 435						
ggtctcgaac	tcccgaacct	aggtgatcca	ccgcctcgg	cctcccaaag	tgctgggatt	60
ataggtgtgg	gccaccatgc	ctggccaacg	caaggtaa	ttttaacgtg	gaatagaaaa	120
aataattttg	ttaaatccct	gggatggaaa	taacatagcg	acaaaaagag	tacatctttc	180
tctcacatgg	caaagttttc	ttcttgatgc	tacagtataa	aagtaaaaag	cacggtttca	240
gtcttccacc	agatgtttta	ccccaatccc	cactgttggt	tttcacaaag	cttttgggat	300
cacctgtt						308

<210> 436
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 436						
cgttgctgtc	gatttgaaaa	ggttggtgtg	tagttggtct	gtaattaagt	tgagatttta	60
aaactgctgt	tagcttttga	aatcaaaaata	taggtgtttt	ttgtcctggg	atatcgtc	120
tccagctgca	gatggaatcc	cattgatctt	ctagctacca	ttcattttct	tactgttca	180
caaaagaaga	gtgtgaaatt	cagtgaatgc	tgttactaat	cctgttacga	gatgaatctc	240
atttcaccaa	aattaaatta	tgtttttccg	ctaaaatgat	gatacaagtt	gaagacacat	300
cactctgaaa	ttggaagacc	tcaccactta	aggctccaca	gtggcttact	cagctgaact	360
ctaggttact	act					373

<210> 437
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 437						
ttcttttttag	gtgtattata	atcatttgct	tacatcagtt	tccttttaca	aatttaggac	60
agaaatctag	tctgattcat	tctgatacta	ctagagcata	gtagaaagta	gaatcttatt	120
aaacttctgt	tgatttgatt	aaaagggtac	ataacgaagt	gaaggcagaa	ataaagatgt	180
tctttgaaac	caatgagaac	aaagacacaa	cataccagaa	tctctgggac	acattcaaag	240
cagtgtgtag	aggaaaattt	atagcactaa	atgccacaaa	gagaaagcag	gaaagatcca	300
aaattgacac	cctaacatca	caattaaaag	aactagaaaa	gcaagagcaa	acaca	355

<210> 438
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 438						
tagaatttta	ttctatctaa	ttcgtttata	ctcccagagt	tcgaaattac	attttaccta	60
caataaatga	gataacactt	gcaaattata	tggtactctg	cctaacacac	gttaataact	120
caatacatgt	tagcaataaa	cttttagtat	agtagtcaaa	gtattaattt	ctcacattgc	180
aaagttcctt	caaagacatg	aatacaacct	ttctaattgc	tccttggtca	tcaagatacc	240
tcttcaaatt	attctattta	cttcattcag	tatattatct	gtgtataccg	atatgatatt	300
acactctttt	ttttttttga	aagggaatct	aattctgtaa	cggaggcggg	g	351

<210> 439

<211> 348
 <212> DNA
 <213> Homo sapiens

<400> 439
 acatttgcca cacggttggg agtccttctt tcttggtctt gacactaaca cggctcttat 60
 actcgacctt tgtccctctt gtcttttttc tctctctttt ttttaactaa tggagacaca 120
 ggcataggtt aaaatcagag atatcttgct caggttttca gagcaaacac tgtgttccag 180
 cccacagcat acaatagtat atgcagaatt tagacactat cttcccaaac taaagagtga 240
 acacctttca gtactttcta gaacaactct agaaagaaat atatagaaac agcaaccaag 300
 tatttagcag tttttctaata ttgtaagacc ctttgggaaa aaaagaaa 348

<210> 440
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 440
 gagatttggtt acggattttta gacatcttct aagtaactcc acagaagact ctcaaaacaa 60
 aagcgtgacc tcaacctgcc tatagggtgcc ctagtggaga atgcttgata ccagggtgaca 120
 acccccacgc gccccaatag tgcaagaaca aagtggaggc cagagaaggg gctggtagtt 180
 tcttcttagt tctcagaagg cttatctgat gatccactca cctctccttc caccttaagg 240
 gaagaatgga agataataag caaaacttct agaaagagca attagccctt caacttctaa 300
 tatccagggtg ngtcagttcc cagtgaagaga ggtaagtggg caatggtaag ctgtgccaca 360
 caccaggtag 370

<210> 441
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 441
 ttcttttttt ctgaggttct gaaacaaaaa caaacgtag gctctgcaac agctgaagga 60
 gcttttgaat tctttctgaa gaggaatttg actttaccta accaatgcac ttctgtgta 120
 tgctatatcc gctaaagagc aagacaggac ctgagaggca cagtgtctca ctgcagaatt 180
 tcctcttggt cattcgaaat gtattacagc gttctgacac aagggtcttca cttattctgg 240
 tatctgtaat atgtatacaa agcaactgag ggtcctgtta aaaatacaga tttggccggg 300
 tgcggtggct catgcctgta atcccagcac cttgggaggc tgaggcgggc agatcacaag 360
 gtc 363

<210> 442
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 442
 attgcaccac tgcactccag cctgggtgac agagcaagac tgtctaaaaa caacaacaac 60

aacaacaaca	aaaaaaccat	aaaagaaaga	aaaagagaga	gaaaggaaagc	aaggaaggaa	120
ggaagatata	aaaaagaaaa	agaaagaaag	aaaagaaaag	gaaagaaaag	aaagaaggaa	180
agagaaagaa	agaaagaaag	agaaatcgat	cgaaagaaag	aaacaaaaaa	agaaagaaag	240
aaatccatct	agtagctctg	tgttggggga	ttaaagagac	aaatactggg	ggctgggagc	300
ccagtgagga	agctgtgggg	aggaagtaag	tacattggga	tgctcagaga	ctacn	355

<210> 443

<211> 367

<212> DNA

<213> Homo sapiens

<400> 443

tacagggaaa	gggaattcca	aaccaagtgc	acagcacaaa	caaataaatg	aagacctaaa	60
gcattgaatc	tttcatggac	acttctaggg	ctaaatccct	tgactttata	aatgtcatgg	120
taaattgcat	aatgcataat	atcatgccaa	aattcatatt	ttataatgcc	atatgttaga	180
tctccttact	gtggtttcac	ctgaggcaat	cttctgaaat	tttctttaaa	aaaatgaaga	240
gttgtctggg	cgcggtgggt	cacgcctgta	atcccagcac	tttgggaggg	cgagggtgggt	300
ggatcacctg	aggtcaggag	ttcaagaaca	gcctggacaa	catggtgaaa	ccctgtcttt	360
acaaaaa						367

<210> 444

<211> 356

<212> DNA

<213> Homo sapiens

<400> 444

ggatcaaattc	cattgcagga	atgaaggatt	tatttttttt	tcagtgtctg	aagtactgcc	60
aacaaataac	cctcagctct	cagtccccct	gtggattgcc	cctgctaaat	aaagccacca	120
gagcctgatt	tatgcctctt	cctgagggtg	cctgtttcca	atgacagacc	actgttggag	180
tatgaaggcc	taaccagctc	atctaatttg	gggagagctc	taaagaataa	ggttattttc	240
agctccagag	tctcatgaca	tctcaaaacta	catcatagct	catcatcttc	tgaccaaaca	300
gcctttcttca	tttctgtctt	atgctattgc	tccaaagagc	atttcctaata	aaacct	356

<210> 445

<211> 354

<212> DNA

<213> Homo sapiens

<400> 445

caccatcata	tatgcatttt	gttgttgacc	gaaacgtcgt	tatatattct	ttccatacat	60
agcatgtgga	aagaatagat	ctcttttttt	taattgttcc	acactttacc	atataatgga	120
atacgcaaaa	tttcacaata	ccttttcagga	tgtaaaatac	atataccctt	tgacgacatt	180
agaaaagaga	aaatgtgggc	cgggcgcggt	ggctcatgcc	tgtaatccca	gcactttggg	240
aggccgaggg	gggcggatca	cgaggtcagg	agatcgagac	catcctgggt	aacacgggtga	300
aaccccgctc	ctactaaaaa	tacaaaaaac	tagctgggag	tggtggcggg	cacc	354

<210> 446

<211> 183

<212> DNA

<213> Homo sapiens

<400> 446

tgggttccgc	tgtgagaaca	cgacagatgg	gttcggctgc	catatgacga	tagacaggta	60
ctcgtgcga	tttactgac	tgattgtctc	cgtctccata	atttttctaa	ttgttactgg	120
tgggagtctt	ctccctgtct	tgcccttttt	tttgtaatgt	cttgacagtg	ccgcgatccc	180
tcc						183

<210> 447
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 447
 tcagcatata accctagatg atcttgctgt gaagatgaag gagatcacag acaacatctt 60
 gccagggtct gagttttaat gctggcgctt tagatatcct gttgggctac aaaaacatgt 120
 caggcaagat gttaagtttt gtttaaagca tcaagaattc caggcccggc gcggtggctc 180
 acgactgtaa tcccagcact ttggggaggcc tagggcgggcg gatcacgagg tcaagaggtc 240
 gagaccatcc tgggttaacac ggtgaaaccc cgtctgtact aaatatacaa aaaatttgcc 300
 ggccgtggta gcggggcgct gttgtcccag ctacttggga ggctgacgca g 351

<210> 448
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 448
 tataaatagt tatcaaatac tcacagtatt tcaggtagct ttttaagtcc tttggaaatt 60
 ttctataatt aaaattttaca ataatctttc gagatagcaa ctatgattat tccaactttt 120
 aaaaaattga agtttagaga ggataaacia ttgcccattg ccaggtagct actaagttac 180
 agttccaaga ttcaaacata cagcttgact ccagagtcta tgcttttaac caataacttaa 240
 aactgtcttg atgtagattc tgatgggata ttcagctatt tctcctcaga attgtatatg 300
 tgggaatagt atctgaaaaa cttggattcc tttatatgta aggaaaa 347

<210> 449
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 449
 ttccagttcc tgcttcataa cagatgctca acagatgttt attgattatg aaaaggatcc 60
 ctgaaaagct ttctcctgga attagactct cagccctaga atagagcaag cctgcagaaa 120
 cgagaactgg aggcttgaaa gtccctcata actgggttga agagaaacca ttttcctgta 180
 atcttttttt tttttttttt ttttggaata ggaatttttt tttggggccc gggggggaac 240
 cccagggcct gctcgagagg tgcggaacc ctgggtcgaa aagaccacc aaagacgccc 300
 cgccaacctt cttttttctg gggaaaaaag ggggctgccc ctcccc 346

<210> 450
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 450
 catagaaatc caccattcac gtaagttttg gcttgggtgtt attgcagtct cttaatttag 60
 ccaacaaaga aggttggctc aaagacacct gtttttgcac gtaaaagtac aggttggaag 120
 gcttgggtcg gcatggtttt agcaacagga ctttcatttg tgatagttca gtcacgtcct 180
 ggggaattga ggagaagatc caccctacca aaggccagtc ttgcttttag accaaagaat 240
 taatttttaa agtttagagt ggccgggcat ggtggctcac atctgtaac ccagcacttt 300
 gggagccaa ggtgggcaga tcacctgagg ttaggagttt gagaccagcc 350

<210> 451
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 451
ggattattga gaacaacaga attcaaaacc cttgaaaaag aaaatgatgt gtatctatat 60
ttaaagcaga aatacacaaa cacacttata gtaactacaa ataacatcta gtagctcaga 120
cctattgcca tttatttcat gttcaatatt gtacagacaa catactatga aaagtgatgt 180
accatattta tacgtataca ggtgaatttc aatccaacac taagataatt actttatggt 240
gtagaaccat atataaatac ttttttgccc tgctctaacc attgcttatac aagactttaa 300
gattatgaat gaatggcat acttattata tatagaaact attatttgat gaagggtact 360
tgcatcct 369

<210> 452
<211> 357
<212> DNA
<213> Homo sapiens

<400> 452
agaatagctt tcatcccaaa atttgcttgg aaatagttag atcatttgat ttaattttca 60
cttttataaa ataagtgtag gaatcctaaa attgattact tcatttgaaa cacaaattca 120
gtaggacgta atgcatgaaa taatttaatt tttgacatgt acatcgaatc ataatttaaa 180
aacaaggctc gaccaggtgt agtgcctcat gctgtgaatt ccagcacttt gggaggccaa 240
agtgggtgga tcacctgagg tcaggagttt gagaccagcc tggccaacat ggtgagaccc 300
catctctaca aaaaatacaa aaattagcct ggtgtggtgg tgcacacctg taatcct 357

<210> 453
<211> 264
<212> DNA
<213> Homo sapiens

<400> 453
gtgtgtagtg atcatctgta gttgttcaaa cgctctctga agcttatgct cttgttcatg 60
tccattttt gagttgtgcc tacatgatgc tggcaacaga taagacatgt agttttaata 120
aatcactaac ctttatattc tgcttatttt taaattataa attccatctg tgtaaatagt 180
ttctctcttc ttgcacttta ctaaaagcag ttaaaagaaa ccattctgag gctgggcacg 240
gtggtcatg cctgtaatcc cagc 264

<210> 454
<211> 352
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 454
tggctttttg gtttttgttg tgttcatttc acagcanatc agtgagcgtg tccttactgc 60
ctggcccccag ttcaagtcct ggtgttagtg ctteggcttt gaagtcagat gacctggggt 120
caagcctgtg ccttgccact ggggtggctga gtggccttgg gcaagctatt tgctaaactt 180
tctgtttctg catgtataca aagtgaataa gactgattcc tttccttttg aaggctgttg 240
aaggctcaggc ctggccactg attcttataa ttctttttac taaaagcaga ccgaaaagtt 300
taggatcgct ttggggccac tcctcttgaa ttcaagcctt gccccctttt cc 352

<210> 455
<211> 350
<212> DNA
<213> Homo sapiens

<400> 455
 tacctccagg catgtggaca tgatggctag agctacagtc acattttttt tttaataacca 60
 tgaggcaagt ctttggatga aagttagggg ttaagtaagg agaaacagaa gaatcatagg 120
 cacctgggcc actgttggtta ctacagagct tctgcaccag ctctacctaa gaagaatatc 180
 tcttcctaatt cttagtata tgtaggaaaa gaactctcta tttgtttaag ccattttttt 240
 tcctagactc tcttataagc agcaaaaaaa agtcccaatg tgggtggccc ttcccatagc 300
 ctctgaaatg aaagaaatgg gttagaaggc agaagtggat atagatgaat 350

<210> 456
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 456
 cgggtgctgtc gggattatta tgtttgaag attattattt ttgaaagaca acttttctgt 60
 tgccaaactg tcttctaaag aggttggtca catttctagt ctactaaciaa tttatgaaaa 120
 tgcccacctt ccatggggga atattaaaga ctttgcctga aatgatagaa ctctattggg 180
 tagtggctga agtaagtttg agttggtaaa tcaggggtca gattatggaa aaacttacat 240
 gttggagaat cagctattct cttggtgagt ttcttctttc tttgacagat taacaacttt 300
 ccagcaggcc aaatgagaat tattggctag ctttgtggag ctgtgaggga accctcttan 360
 aagatttctc attctctctn 380

<210> 457
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 457
 cggttgcgtgc gatttttgaa ttttttcgta gagacagggg tttgctatgt ttctcaggct 60
 ggtctaaaaa ttccagagct caggtgatct gctcacccta gcctcccaaa gtgctgggat 120
 tacaggtgtg agctaccgca tccagccctg aatattcttt cagaggtagg gttttgtgtg 180
 ttttgttttt agttcaagca gtttgactac atcctaagggt ataaagggtac taataaaciaa 240
 gtcagttttt cttttgtgca tttttcttta ttttagagcc ttcagggaaa ttttttttta 300
 gaaagatcaa gagaaggcca ggcgtggtag cttacgcctg taatcccagc actttgggtg 360
 gccgaggtgg acagatcacc tgaggtcacg agttg 395

<210> 458
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 458
 cgggggttggg gttgccgata cactgctgg tatgctgtgt aaaaacagcc ttgtttgagt 60
 agattgcgag gctatcgcta tattgacttc cctcttcagc tgcgttattg aggatcacaa 120
 cttattttgc cagcactcta cgctatggga ccacatagag gtgctctaag atagtaacat 180
 taaagaggac atataatata accaaaaatt tgagttccag ataagtttgg tgtctcacta 240
 gcaagatgac gttaaataac tcatttaatt tttttgaaat ctttaatttc tgttcctgaa 300
 aataaaaagc aatctgtctc ttgtccaaaa gactatgtag gggtttttaa aatttt 356

<210> 459
 <211> 393
 <212> DNA

<213> Homo sapiens

<400> 459

cgttgctgtc	ggtggcgggc	gccggtagtc	ccagctactg	ggaggctgag	gcaggagcat	60
cgcttgaacc	cgggaggcgg	aggttgcagt	gaaccaagat	cgcgctactg	cactccagcc	120
tggcgacaga	gggagactcc	gtctcaaaaa	aaagccgggc	agaattaatg	atdddgaagc	180
tccgagaaaac	aggattaaat	tcctctttca	aaccgaaatc	ggaatttgat	tttttaaaag	240
tgtaaaatac	cataaacttt	taaggttagt	tggtcggtaa	ccatgtcacc	aattttaagg	300
cactttctga	gttggtgtata	gtttctccag	agccctaggg	gaaatgtttt	gcaaaatatg	360
cacgttttagc	tttccaaaac	aagttgtctt	ttt			393

<210> 460

<211> 346

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(346)

<223> n = A,T,C or G

<400> 460

cggaaggaa	gattacctgc	tgtcaaatta	gaaaattaca	attaaaccat	tgatatttcc	60
gtgagaagag	aaaactagta	accgtgaaga	agtgagggaa	aacaaatgat	gacgtcatgt	120
taacaatagg	aaagacatgt	ccttttgtaa	aagatgctgt	cacccatcac	agactatttc	180
ttccaatatg	gatttgcaaa	acatgacagt	cgagctcacc	aaatctctcg	tggttgccgt	240
ggggcagggc	gaggtggccc	acacctgtaa	tcccagtagt	ttgagaggcc	aaggagggag	300
gattgcttga	gcccaggagg	tcaaggctgt	aatgagccat	gatcan		346

<210> 461

<211> 353

<212> DNA

<213> Homo sapiens

<400> 461

ccatgtgagg	tgacgcccc	ccctgcttcg	gctctccctc	tgtaggctgc	accactgtc	60
caaccagtcc	caaagagatg	taccaggtag	cttagtgagg	aatcactcgt	cttctgcgtc	120
aatcacactg	ggagctgcag	accagagctg	ttcctattca	gccatcttgg	aacagacctc	180
ccatggtagc	atctttaaac	tgaaatattg	gacagagagt	ttccattgct	gtagtatttt	240
gcttaattat	tatctttata	gcagggataa	tagttgacaa	aaaggaagca	tgaaagtfff	300
accatcactg	agtctgctag	gccttttttg	gggtctagta	atgcagtfff	aaa	353

<210> 462

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(347)

<223> n = A,T,C or G

<400> 462

gagtagcagc	agtgacttaa	cagatttttt	tttcattgct	gctgcttctt	aatccctfff	60
gagcctcaat	ttctttttgt	ataaaagggg	aacaataacg	atdddgtaga	gatgaggtag	120
gcaaagtctc	tggtctgcagt	gagcactcag	taataagagc	tattttattgg	gccaggattc	180
caactacttt	cataaaaaata	gcaggaaagt	caaattggaaa	gctgacttga	tggtagggga	240

ggcttctgcc	caccaactag	ttccacgttt	ctcaaccctg	cactgaatgt	taaaatcacc	300
tggggaactt	ctgaaaaaatt	atgatgtctg	gtcccaaccc	catggan		347

<210> 463
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 463						
cgggtgactc	aatgtattca	caggcttcaa	aaatatgctc	taagaaaaaa	atgggggaaa	60
aggaacagtt	tttcatttca	aaagaattcc	agccaatgaa	tgtcaaagga	aagagggaaa	120
tacagtatca	ccattaggca	aacaccacag	taataattat	tgctgataag	atccactaat	180
ggatgctaag	attaatgggc	aaaagttgag	gagaaataag	atatttgccg	aagcctcaaa	240
ggtatctccc	tcaagatatt	tattaatata	agccgtgcgc	ggtggctcac	gcctgtaatc	300
ccagcacttt	gggaggccga	ggcgggcgga	tcacgaggtc	aggagatcga	gaccatccg	359

<210> 464
 <211> 225
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 464						
ttccttcaaa	ttctgtctat	atagtatttt	agcaaaccta	tgctagtaac	attagaaaaa	60
aaataaat	actaaccaa	gactttatga	aggtcataca	tgaagaaatg	ggtgttttag	120
taagaaacag	aaatttctta	agcttctcat	tagatttctt	tagatttttag	ttcaaaatag	180
atttgagtga	gtttatttct	gatgcgttgc	tttaccctga	ttacn		225

<210> 465
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 465						
caattctgca	cgagcctagc	tacagggtttt	aggtatgata	aagacttggt	taccacaaat	60
agctgaccag	aaaccataat	tgggcggagg	caagcatcag	ctgaccaagc	atthttccaag	120
ccaccacagt	gattcagctg	cttcctctcc	tgcatctcct	atggaaaaga	tggaacaaac	180
acagctagga	catcaagctt	taaaaccaa	gcaaccttgg	cacctcacac	aatggccagc	240
tatgaacctc	acctggatcc	acaccactcc	aatttgcaac	ccccctctca	gctccccagg	300
tactatctcc	tttagccatg	gacctttaag	cactggaacc	ggcattggcg	tattcttttc	360
ctccgcatgg	agtgcaaccc	ttctcccact	ctgccccg			397

<210> 466
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 466						
tagataagta	ttgggtcaact	ttgatgaatc	accataaacc	ttaaactaat	aagtcaaaac	60
ctcttttatac	tttgacaaag	caccattaga	tgattcttag	gtccaccaa	ggttgataat	120
cactggccta	gatgatacag	caataggtaa	aactagggtg	acagcagtgg	aaatggtagg	180
ggataactac	caagaaactg	ttttcagtaa	gaactaaaag	gcattacaga	ttgatgaaat	240
gtaagaatat	gaagacaaac	agtcaaagat	ttaaatcttg	attactgaaa	aacttacgat	300

actattataaaa gattaagaag tcaggaggag cttaaaaacc tagagaa 347

<210> 467

<211> 366

<212> DNA

<213> Homo sapiens

<400> 467

agggcaagac	tatacagact	ttacttttga	attcccccaa	attagtagag	ggtttagtac	60
agagaaaagga	cttgatacat	ttttatacac	ttttgaagaa	taaattgata	tttatttagt	120
actcagtgtc	agccaagcac	ttaaactatt	tacattcatt	accccatggc	atcctcacag	180
ccttctgagg	tagaaagact	cactgaaggt	tcagtaaagt	ggggaggaag	gcacgacttg	240
aactcagggtc	tgtctgactc	cagatgtctt	agaaaggtag	aatctttcac	ttggaagaca	300
gtatggttaa	gatcatgttc	tccggggcgg	gcacagtggc	tcacacctgt	aatcccagca	360
ctttgg						366

<210> 468

<211> 346

<212> DNA

<213> Homo sapiens

<400> 468

tacctgtgcc	caagcagaca	tctcccccaa	tttgtgtatt	tacaccctc	ctgcctgcag	60
aaaggatgaa	acaggattac	cctcaaattt	acagctataa	ttaaactatt	attaaaaatcc	120
aggtaaaaaa	acaagagcac	tgcaaagaag	agcgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
tgtgtgtgtg	tgcgcgtgta	taaaaattct	gtcacacaca	cctgggctgg	ggcagcttct	240
ctgggatccc	tgaatcacag	agtgttagca	ccagaggggc	tttcagagat	aaacacgctt	300
cacctgtttt	tatataggac	tgacacagat	taagagattt	ggcagg		346

<210> 469

<211> 189

<212> DNA

<213> Homo sapiens

<400> 469

atatacgtgt	atTTTTTggg	acttgcctgt	ttctgttaat	atcggagtgt	taaagaacat	60
ctctgagtaa	tttggttttg	tcattgaact	atTTTTtagta	cattcatgtc	tgaagagtga	120
tgtgacttga	gaactaagct	tcttctctgt	ttacattcat	cattttttcca	gaagccacgt	180
agtgtgcc						189

<210> 470

<211> 348

<212> DNA

<213> Homo sapiens

<400> 470

gggaaatttg	attattgata	aatcatttga	tattagttag	aaattgttaa	ttaagagtga	60
taatgacatt	atggttatgt	aagaaagtgt	ccatatttta	gagatgctaa	tagaaggatg	120
aagaaataaa	atgatgtgac	ttttgtgttt	gcttaagtta	ctttggtaaa	gaaagaaata	180
ataaaaaaac	taaatgaagc	atatttgttg	aagatcattt	gaccatatac	acaagagttt	240
atTTctgggc	tctattttat	tccattgggtc	tatttgtctg	ttttcatgcc	agcactacac	300
tggtttgatt	actatggctt	tgtaatatgt	tttgaaatca	ggaagtgt		348

<210> 471

<211> 187

<212> DNA

<213> Homo sapiens

<400> 471
atatacgtgt attttttggg acttgccctgt ttctgttaat atcggagtgt taaagaacat 60
ctctgagtaa tttgggttttg tcattgaact attttttagta cattcatgtc tgaagagtga 120
tgtgacttga gaactaagct tcttcctgct ttacattcat cattttttcca gaagccacgt 180
agtgggc 187

<210> 472
<211> 188
<212> DNA
<213> Homo sapiens

<400> 472
agtggaacga tatcttcaga acgctgagag cgaagaattc tcaacctaga agtattccag 60
agagcgtacc ttctatgaat gcagataaaa taaagacaat ttgtagataa acaaaaactg 120
cagcatttat taccaaggga ctaaagtaat gtctaaagaa tctatttcag gaaggaggat 180
aaacatgg 188

<210> 473
<211> 393
<212> DNA
<213> Homo sapiens

<400> 473
ggcacgagct ggggaggagc caaagccttg gcgctcacct aagccgcagg gagatacacc 60
caactgggag atgaggaaac agcaaccac agaggagaac taaccacac aggatcattt 120
cgtgaaggag caaggctgaa gaaccagacc tggactttct taggcaagta aattctgatt 180
atatcacgga gacttgcttt gagaaatctg ccccttttca ctgtgagatg gcgtcattaa 240
cacatctagt tctctcctaa gcagccagca aacattttatt atacactaga tattatattg 300
gcatttgaga tgatacaaag gaataaaatg gggcaattag ctctagtaat ttggagggtct 360
caacttacgg atattccaag ttcctttgaa acg 393

<210> 474
<211> 369
<212> DNA
<213> Homo sapiens

<400> 474
tgtgtctaag gaactgaatg tttaatgtga cttaattttc attgacttat aagcaacaat 60
gccacctgaa cttagcatt tcttatatcc tcagcccatt tttacttttag caccctagca 120
aacattcaga agtgacatgg tcattttctt ccttctggga tggagcgttg gctctcttta 180
ttgtcattaa gatctttgaa agcaataaga agatataatt agccgggcat ggtggctcac 240
gcctgtaatc tcagcacttt gggaggccaa ggagggtgga tcacctgagg tcaggagttc 300
aagaccagcc tggccaacat ggtgaaaccc catctctact aacaatgcaa aaaattagcc 360
gggcctggg 369

<210> 475
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 475

tctccatctc	aaaaaataaa	taaataataa	aggtaggggt	ttcttaattc	ttttagacag	60
atatactcac	attaatctgt	aaaggacaaa	aaaataagac	tttaaactct	taatttgaaa	120
agatatctcc	attttaatct	cctttgctta	ttttattgac	cacctccttt	gcggatttca	180
tttcctatcc	ttgattttaga	aaaagggtta	gggccggtcg	tggaggctca	tgccatagaat	240
cccagcacct	tgagaggctg	acgcaggtgg	atcatgacgt	cacgagatca	ngaccatcct	300
ggctaacaca	gtgaaacccc	atctctacta	aaaatacaaaa	aaattagccg	cgcgtgtg	358

<210> 476

<211> 365

<212> DNA

<213> Homo sapiens

<400> 476

ttagcctttt	gtatgctttt	actggataat	tttctctaag	gtagaggggtg	aggagctata	60
tattatgtaa	catttttagaa	atagcagaaa	accatttagg	gggaagaaca	cacacaaaaa	120
ctaccgata	acttctttcc	tgattaaaaat	tatcttccaa	caattcaatt	atatgtaaag	180
agggaaccgt	ggctacacac	gtattttatta	actgtttctg	gcggtccaga	ggaagctgga	240
ttattttttac	cataacaaaa	tcaagttttt	ttcagccggg	cgcggtggct	caagcctgta	300
atcccagcac	tttgggaggc	cgaggcaggc	ggatcacgag	gtcaggagat	ggagaccatc	360
ctggt						365

<210> 477

<211> 366

<212> DNA

<213> Homo sapiens

<400> 477

gcgctctgtg	gctgggcatt	ttaaacctga	cctttctggc	tctgagtttt	tccattttta	60
acctgacctt	tctggatcca	ggcgaaggca	gagacaagat	aaaataggat	tattggatgg	120
cagaatgtat	tcaactattt	ctcctgaaac	ttggaaccgt	attataccat	gggggatacc	180
acactgacgg	aaacggtgga	taaatgtgag	ttcatatata	ctcctccaca	aatatacatg	240
tctcatgtcg	ggcgcattgg	ctcacgcctg	taatcacagc	actttgggag	gccaaggccg	300
gcccattgact	tgaagtcacg	agtgtgtgac	cagcctgacc	aacatggtga	aaccctatgt	360
ttactc						366

<210> 478

<211> 367

<212> DNA

<213> Homo sapiens

<400> 478

ggatcaatac	aacaaagttt	tctgttttaga	aaatacaaaa	aaaaactata	aatctctaaa	60
gaaaaaaggc	cgtgtcctct	gaactatgcc	acagatatag	aatgtagaaa	gattgtataa	120
tcattacatg	tttaaagtag	atggtgaaag	cctagctcgg	cacctaggac	ggcacaaagt	180
aaatccttaa	caaagtccctg	taagtagtgg	gtacttttgt	aaagaaaagg	ctccatgttt	240
ttgtttgtct	ggagggtgtg	gtgtgtgtgt	gtgtgtgcga	ccctcaacac	cgccacataa	300
ttactaacta	accctgtgta	cggtagtccc	ccctttttct	tataaacggc	ccctcattct	360
ttatttc						367

<210> 479

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(367)

<223> n = A,T,C or G

<400> 479

gcatccagca	cgggataaag	aggctgtgag	aaggatgaac	agattttttgg	aagacgcaca	60
tttttgtaaa	gctaactcag	atagacttca	ctccgtcctc	atgccctgcc	agtatcttta	120
attttaaaag	aggaagaagg	aagcatcgtc	tcttctcccc	aacagataat	actgggtgct	180
ctgtgcacag	ggtgacatta	aaaaaattaa	aaaattaaag	aggaaggaag	gaagcaacgt	240
ctcttctccc	caacagataa	tgccagggtgc	tctgtgcaca	aggtgacgtt	atccattcat	300
tcctctctca	ggtgtgggag	tgagggtagg	ggagggcacg	gcaacgatgg	cctttgccag	360
ggacctn						367

<210> 480

<211> 337

<212> DNA

<213> Homo sapiens

<400> 480

acaacaaaac	aaaaccaggt	gtagtgtggc	tctaaaggaa	catctgacca	ggttcctggg	60
gaaccagggc	catgggagga	agaagggact	cttctcccat	gagaagggcc	tggagatgca	120
gggactgtca	agtcactttg	gccaaacttt	tttgctcccc	tagaatgaac	tctgcactaa	180
aagtggagaa	tcacttctat	gagagaaaag	catacaaaga	aaagatataa	ggcaatgcta	240
cagtaagttg	ggcatatcta	tcaaaattta	aaaacatgta	tactccttga	ggagtcctat	300
tctttcagga	attcattttg	cccttattaa	ctatatac			337

<210> 481

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(383)

<223> n = A,T,C or G

<400> 481

ttggncctcg	ttggacagta	tgacagaaag	ggacacaggt	tggagcacag	aaagaagaat	60
catagagggtg	ccaaaggaac	ttagacataa	tgatgtcggt	caagccaaca	agccaagctg	120
aagtaaatga	aaccataccc	aacccttacc	caccaagcag	ttttatggct	cctggatttc	180
aacaggctct	gggttcaatc	aacttagaaa	accaagctca	tgggtgctcag	cgtgctcagc	240
cctatggcat	cacatctccg	ggaatctttg	ctagcagtc	accgggtcaa	ggaaatatat	300
aaatgataaa	tccaagtgtg	ggaacagcag	taatgaactt	taaagaagaa	gcaaaggcac	360
tatgggtgat	ccacatcatg	ggt				383

<210> 482

<211> 355

<212> DNA

<213> Homo sapiens

<400> 482

ctcttgoggt	gagggaaagc	aaggggacca	tcccttgcca	ccattatctg	gtaaatcccc	60
catgtgatgc	ctaatgcctt	ccatccaggc	atctaggcct	accccaaatac	agcaagtttg	120
aaaggacttt	gttggtttata	tatacatttg	cttcattcag	ctatgaagca	ccctgtctct	180
taccagacct	gcaccctcca	ccccactgat	ttgcttttgg	gttggttaaag	ggttgcgata	240
cactgcactt	gccagacata	cctctaaaat	agctgttgac	tcttgcttca	tccctaaact	300
ctcctgctgg	gagacccctc	ctattctata	tgcgacgctt	tcatgtgtgt	acccg	355

<210> 483

<211> 350
 <212> DNA
 <213> Homo sapiens

<400> 483
 agttcgaaga ggtagggaga gaatttccat gggaaaaaat tgttggattg tacttcaata 60
 caagtaacag gaacttcaag aggacctcta agaaaattat atgtaccact tggagtgtag 120
 gaacatatgg actggatctg agaccagta agaacagtaa gggtaaagtc tatggctgtg 180
 accacagcac tgtgtctggt cacaaaataa ggaagcctgc agtgggagca aacttcacct 240
 tcattgataa cgagcaaagg aagctcaggt caaagggagc caccatgggg ctgccttaaa 300
 agggatccta cccaagaggt taagtgtctc agcagaacaa tggggacccta 350

<210> 484
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 484
 cgttgtctgc ggtggcgtc tttatatctt ggttacctta tctttctgtg gaagagattt 60
 gatgtctagg tttgtcacat catgcctgtt tcctatcact accaacaggg ttgttatcta 120
 gcaaccccgga ttgaatacgt ggacgtcgcg gcttggcctc acagactgtg cgaggatagg 180
 gtacttgggg tgccctttg caaattcgta tttataacta gagtacttgc atttccttag 240
 agtacctgac ttgccagag agaattagcc ttttaatttta atttgtatga cagaggattg 300
 gaaaccttag tcccagtacg tttagcaaca ttccaaatag cttacaattt ctgctacatg 360
 ccagtgcagt tataag 376

<210> 485
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 485
 tctacggttg cgacaaaacg acagaagggg cattttgatg tctagaatca ggggatccag 60
 gatcatcacc aagggtcattt tcctagacag atgtgctgag gctgtagaaa gtgcttttta 120
 tttggatggg agcttgtgca taaatgogag aggggctgcc catctgacgg actagaggag 180
 actcatggct gaaccggaac aggacatcgg ggagaagcca gcagagcttg tgtttaaagt 240
 cataattcag aaccccaaag aaaatgactt cattgaaatt gagctgaaga gacaagaact 300
 gagttacca aacctactaa acgagagttg ctgtgaactg gggattaaac cacaacgagt 360
 ggagaatatc acact 375

<210> 486
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 486
 actatcgaaa cagatcaaac gcatagagaa agaatacaac ctttcaaatt atttatatga 60
 acacagtata atatggatgc ccaaatcaaa tgaaatagcg cttctctcta caaccaccta 120
 gggctagtac ttgagaaaac tgatactggc gcacaacctt caatactatc acaacatatt 180
 tottagacct ataccatata gtttatctaa atcacatgga aaaataactg tgcacaaata 240
 gagaattctt atgaaagaat ttaatgaaga gggagtgaag aatgggtctat tataagccta 300
 ctgcaactaa aagattgatg ctctgctgca ctaaaagatg agn 343

<210> 487
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 487
 atactctctt atatgctaga gatagacccc agctaattgag ctctccctag aacagggtatt 60
 ctgtcactca ctcacacaca cacacacaca cacacacaca cacacacaca ccttttttta 120
 cactgagaga atgagaaaaa cattaacttt tagctctccg gtggccatat tttcttaaag 180
 gaggaaatca ttacacagta aagcattaat ggccagtgtg tgcttaattt aacaacacta 240
 caaattcatg tagagatgtc tgattctcta gagaggaaac tgtcattcct tagctgcagt 300
 cccctcttca actgaagaaa tacatttcac cactaggggt ccacagggga acaaagga 358

<210> 488
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 488
 aagttagttt tgcagctctc cagcatatag aagagcagtt ctatattctg atttctttca 60
 ttatagtga ctgacttcca ctggttatgt gggtaagaag ggtctctgac aatttataaa 120
 acaagatggg gaaaggagac cagcaaagca tgtatataaa acatttgttg cttttttaat 180
 caaggagacc agaaactgtg gtagtgtccc aacgctttga ttgaaggccg ctgtatatg 240
 agtgtattcc tcatgacata ttcggactga ttcagacttt ccacagtgtc tattagctca 300
 ttctgtgcct caattcttct gagcacattg tcccattaag agtagtcaaa agg 353

<210> 489
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 489
 cgggggtgga gcttcaggta tgaatttttc tttctctttt tttagtgggc acagctatga 60
 tatcagaagg taggcctgga accaagctga tgggagaggg aagacctgaa ctggtcagta 120
 taagaaggaa atgatatatg aaçaggaatg aaatggggcg cgagtgttca tatagcaaag 180
 aaggaagtgt gggcagtga tgccatgatg ctgcccaggt tctgtttcaa acgataaaaa 240
 aaaatttttag aaatggacac aacattggcc gggcacgggt gctcacacct gtaatccag 300
 cactttggga ggctgaggcg ggtggatcac ctgaggtcag gggttcgaga ccn 353

<210> 490
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 490
 tactgctttg tgaggaatgt aaaaaagact aacggaaata atgcaatgat ttacaacgta 60
 tgaatgatgc ttaaaatgta gtactaataa aagataataa ttattatgca ctatgattac 120
 tgtgcaagtt ttaagaatga aaactctccc taacacttgg aagtgagcac actaccattg 180
 tccaatgtga aaattacaga acagctccca cacactatag ggaagatctt tctatcatca 240
 ggacagagac aaacctagct gtccttcta agaactctat tcatatactt atacacagac 300
 caccattaat acaccatgag ttctgtcaag gaattcttatt tat 343

<210> 491
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 491							
ttcactgtct	cctcactccc	aactgtgggc	agccaggtgt	gcttctacat	tgcaggtctg	60	
gccccacatc	ccctgctgca	gacctccact	ggcgcccccg	tgaccctcag	gatctgttcc	120	
cagctctgga	acaggctctc	cggacccctg	gccactggca	ccctgggcag	cttacctcgt	180	
cccactcctg	atagcccccc	aatgaccact	ttatgcttca	gccaaatcta	gctgttgaca	240	
gctcctcaaa	cgcttgggct	ggctaagcct	ctacagtttc	catgactctc	ttctgagccg	300	
gaaacacctg	cctcctccct	acgtgcattc	attcccaccc	ccgaaacggg	acaaactcct	360	

<210> 492
 <211> 305
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(305)
 <223> n = A,T,C or G

<400> 492							
agtcataagc	atcttttcaa	cacttgactg	tttctgtga	aatgtattta	ccctcataat	60	
agttctagta	aacagaccct	gcgatttggg	tggcttgagc	ccatcctggc	tcttcagcca	120	
agatgacaaa	tttataaatc	cattctaata	acatcatcat	ttagcaaatg	ctttattttct	180	
ggatccaaaat	ttacatgtct	acctgaatct	aagattttat	gcttatcacg	gctatggaga	240	
gaacatctct	tcctattttg	tgagcagggg	atactagaac	aataaagcgc	tcgctcatga	300	
cccan						305	

<210> 493
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 493							
ctcaggagaa	ggttagaatt	cactataaca	aaagtaatag	ggttattaat	atgactagta	60	
ttctaagact	ctcttaatat	gtgggagcag	gtagctcagt	ttacgggtag	acatttatgg	120	
gtaagtaaca	acattgggtga	agtgcaaaac	cctctctcct	agcacacaca	acacacacat	180	
acgtacattc	tttttctttc	acacagacac	aaacacactc	ccatggacaa	agaaatgcta	240	
cgaagaatth	ccttctctca	aatatgctgg	atgactctgt	taggttttcc	cacatagaat	300	
ggagacttga	gtgttttagtc	tgggccccac	gcattgcagat	aagcaccaag	ttggat	356	

<210> 494
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 494							
gacacaggtt	ggagcagaga	aagaggaaac	atagaggtgc	caaaggaaca	aagacataat	60	
gatgtcatcc	aagccaacaa	gccatgctga	agtaaataaa	accataccca	acccttacc	120	
accaagcagc	tttatggctc	ctggatttca	acagcctctg	ggttcaatca	acttagaaaa	180	
ccaagctcag	ggtgctcagc	gtgctcagcc	ctatggcatc	acatctccgg	gaatctttgc	240	
tagcagtcaa	ccgggtcaag	gaaatatata	aatgataaat	ccaagtgtgg	gaacagcagt	300	
aatgaacttt	aaagaagaag	caaaggcact	aggggtgatc	cagatcatgg	t	351	

<210> 495
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 495
 ccatagttaa attatctaac tatgttataa acattgggaa taactatggt ataaacactg 60
 ggaattacag agaaatatta tggaaaggct tgattctaaa aatgcttata attgcttggg 120
 gaaacttggc cgtgaatacc aagacaataa aagtcaaaca aaatccttaa tttagtttac 180
 tgcagttggt catgtggcac tggcccttat ggaagcccaa aaaaagtatc cgtattataa 240
 gtaaagctgt gccaaaacat gttaaagact tatatttctt tatacttata ga 292

<210> 496
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 496
 gaatatggag attggcagtg gcagcgagag gttttggggg acagctccgc aactgatta 60
 ttgagtcagc agttaatgga atctgccaac aaaaaactga aatgagattc catgtaaagc 120
 ctacacaata gaaaaatgaa tgtttaatga gcatgaattg tatcatacca tgctgtttct 180
 aaaagtctcc aagcttagag gaaccttaga gaggatctta atgagctata ataatagctt 240
 ccattcgcaa actggtatgt ataagtctaa catgtccaca ttagatcgct gctccctcca 300
 acaaacatgg ggaggcttag cagtttcctc tcaactctact aactgc 346

<210> 497
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 497
 cgggcttact tctcacgatg tcaaagttca tcatacagtc acacagagct gcaagggagt 60
 ctaggaaaaa cagtctcaaa aagtagaggt ggacagcttc tcagggatct cccaagctct 120
 gatgactctc tcaactctgc ttctctctgg gttccagact agattctctc agaaaaagtc 180
 ttggaatata ggatggaaaa aaaaatccag ctgctgcacc tatagattca cagtctgagc 240
 ttctcccacc accctctcag tctttgctga tcaaattcag gagaagggtta actagcctgt 300
 cttgaaccgt atgtctatct ctgggataat ctctgcacct gagaaan 347

<210> 498
 <211> 368
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 498
 ctctcagcct cgtgctatac accattaaaa caacaaatga ctggctggaa atagaggctt 60
 tcacagaaca gatcctgagc ctgtgacctt ccacatccag ctgcccatta tcctttggtt 120

cacggaaaca	gccctgacaa	gctcagcatg	gctacagagg	cctcctaaag	agaggggtgga	180
gcgaaacctg	ggccctctga	tatatgcacc	tgtggacgga	gactcttctc	tgtcctctat	240
cccttgtcag	atgccagggt	attagatatg	gctatccttt	ccccacacct	ctttaccatc	300
tgggaagccc	cttgggattc	actgagtga	tagcaatgga	agtttgtaca	ctangccgat	360
agcactgn						368

<210> 499

<211> 288

<212> DNA

<213> Homo sapiens

<400> 499

ctatgatcca	ggtaagagtt	gggggaactg	cagagtgacc	cgagctaggg	cagtgcacttt	60
ggagttagtt	tctttacctc	tttgggcatt	agtggcctcc	tctggggctg	gacttagagt	120
cttgggagtc	ttttagtgcc	tactttgttt	tatttctgag	ccaaagtgat	ttggataata	180
cacagtactt	aaagaactga	agccaagcca	gcttccagtc	cctggggcca	gtatatgtgg	240
gaaaccggta	cctactgagt	ccccatggga	tgacacaggt	actgcct		288

<210> 500

<211> 393

<212> DNA

<213> Homo sapiens

<400> 500

cgttgctgtc	gaacacaatt	agccaactttt	tcagctacac	ttctcactca	gctgcaccct	60
acactttctca	ctcaggtgca	cccccttctg	ctgtcctttc	cccaacgtac	tgggtcccga	120
gcgtggtggg	tatttgccac	actgggtgcc	agctcagcag	ccccccacct	ctctttattc	180
tctccaaagc	tggtctttct	gactatcatt	gtggtagggg	gaggacagat	gctaaagggtg	240
gaagctgacc	tggagaaaga	gacacacggg	gtgactgtgg	caaaggacag	ctggaaaaga	300
aactctatca	cttcttcatt	ggcaaccaca	aggcacctga	ggccatggca	ctcccagagg	360
ctgtgcgcag	agccaagcct	ctcaacctct	tcg			393

<210> 501

<211> 368

<212> DNA

<213> Homo sapiens

<400> 501

taatattttt	aggagataca	gggtttttgcc	atgctgccta	agctggtctc	aaactcctgg	60
actcaagcaa	tccacctgcc	ccagcctccc	aaagtgctgg	ggttacaggc	atgagccact	120
gagcccgcc	ttaagacatt	tttcttacga	ggtatttttt	agcccttagg	gaaatttatc	180
atgaaagcaa	tagagttcag	agcaagaact	ctggaatcag	agctcatatt	tgattctgga	240
taaaacctga	agagttatat	aaccttggag	aagctaactg	ccattttgaa	ccatagtttc	300
ctcacgtggg	aaaagggttt	catgttaata	tatataactc	atggattata	atgaagacta	360
catgacaa						368

<210> 502

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 502

cgttgcctgtc	gcagggtgggc	atgaacgttt	gtaaacacac	cagcactgat	gcctccacat	60
gggtggccct	ggagaatgcc	ccaacagagg	tcaggacagc	tggggacgcc	gtctcagccc	120
tggtggccag	caccgcctta	cgtcaggagg	ctgcagtgcc	aaggacagca	agctatctaa	180
acccccagtg	tgtgcctcgg	ggagctanca	nntataangc	accattaaat	aaattggttg	240
tgcctggaaa	tgaaggagg	gcaatagctt	tgtaaattgg	gttacatttt	tctccttgaa	300
tttttctatg	gtcctagagc	tttccaatca	tttaattggca	ttgtcggata	tcttttacat	360
ttcaattggc	atccatgaaa	ttacatg				387

<210> 503
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 503						
ttgccaggc	tgagagtgc	gtgatgtgat	actggcttac	tgcancctct	gcctcctggg	60
ctcaagagat	tctcctgccc	cagcctcctg	agtagctggg	attataggtg	tacaccacca	120
cgcattgctg	cttttttggg	atgaaaaaaaa	agatggccat	aaacatagcc	tgtaggctct	180
tccatttctc	gtaacccaac	ctcctgaacc	cctagcatta	aagtgggtct	tcagaaaaaa	240
gggcagccat	tggggaccct	cagaaaaaaaa	gggattttcc	cttttctttt	attaacaaga	300
ggcgggtccc	cttgagagaag	agcaggttcg	ccttcgaggg	ccgcgatatc	gccg	354

<210> 504
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 504						
cagttactca	caaaagacca	cgtaccacaaa	taattgcggc	cttttccatt	aaatacaata	60
ccctataaaa	ctggaagaca	aactgggctt	gtgatttcca	gcccaaagaa	ataagatagc	120
cagatgcttc	tggcctgtat	agcttatgga	ttaacacatg	cgatgtcaag	atattcaccc	180
agactttgaa	caccattaaa	aataacatcc	tttttttgta	acttgaaagg	cacagatgta	240
cggagcctct	gctttgcccc	cactacctga	cttattgtaa	acgcctttct	tacataaaca	300
tgcatacctt	aacatcagag	atacattcct	tgagaaatgt	gaagccaggc		350

<210> 505
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 505						
gaagtggagg	tggcggggag	cctagattgt	gcctttgcac	tccagccagg	gtgttaagag	60
tgaaactcca	cctcacaaaa	aaaaaaaaaa	aaagcccctt	tctaaaaaac	gccctggaac	120
ttaaggattt	ttacccgaaa	gcctttgggtc	ttttaccac	ccactaaggg	tcttttcaat	180
accccttgga	aacccttggtg	cttctgggaa	actggatggg	aaacacatgt	ttgggggaacc	240
ttgccccaaa	agcaatat	ctcccaaaa	ttcgggggtg	ccaaggactt	tcctttgcag	300
aaaattaatt	tgttatttta	taaaaggggc	cccgggtggac	cttggt		346

<210> 506
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 506
 cgttgctgtc gggagatgct ggtcattctg gagaagctgc ggaaagtaac aggcaacgag 60
 atgctgggcc tgcaggaggg ggaccttgaa gacgacttcg accctgcccgc gcacgaccag 120
 ctcattgcaca agagcttttg ggacgagttc tacggggccg cggaggagga gaagccacaa 180
 tttgaggaag aagaagggtc tgaagacgac tggaaactggg acacgtggga cgggcctgag 240
 caggagggat actggagcca gcaggagctg cactgtgagg accccaactt ctacatggac 300
 gccgactacg accccagcca gccgaggaag aaaaagcgcg agggccccctt gacgggcaag 360
 aagaaacgca agtccccctt cn 382

<210> 507
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 507
 gtccgttgct gtcggggtcc tgttgcaata tgaggctgat ctggaagctc tggggggggg 60
 gagattgtcc ctgctgtctt ttccagctat tgggtacagc attttgggca ggagaatcta 120
 ggaccatgcc acatcagggtc tctccttaac ccattccatt cgactgttat cacagctatg 180
 cttccagagt gctctgcgca ttttcacgat cagcaaacaa tgagcaaata tctgttctgg 240
 aagctgggaa gtccaggatc aaggcactgt catctggaac ctgaggagag acttcttctt 300
 gcattccttac atgggggggag acaaaagagt ggcagagaat gaatatactc ccagcccatt 360
 cgagagggaa gagccctcac ctcatcactt tctctg 395

<210> 508
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 508
 cgttgctgtc ggcgggccac attgtccatt attcaactgc acgtgtgtgc tgcgtgcttc 60
 acatcctcta ttgagagtta cagcaagtgt taaacgaggg gagttcacat aacaggaatt 120
 ctggaactgc ttgaaaacta ggacgattgg gcaatatcgg gcttaactcc acctgatggc 180
 aggtgacccg gatagaaaat ggccctgcgt ttagccagga tgtggctctc cagcttgggt 240
 tcagtgtgat cacttggcag tgcgctttct ctttcgatag tgaaatcctt ctctatacct 300
 atgttttgct ttgggttctta aggtgggaaa cagaatgggc cacggagggt gactgactga 360
 agaccaaggg ttggtgcagc ctcctc 386

<210> 509
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 509
 aaggctgttg tcatgtggca gagagaaagc cccttatgcg cgttaggggc cagaagttgg 60
 cgctggtgtt tgtgcacggc tgtgagtaag cgcgtaataa ataaatcaga acgagatgga 120
 cggagaccat gcgctgtgct ttcattcctgc tcatccccc gctgaggagg tttctgaccc 180
 ccatacccg cctgcagcct tcgagcaaat gtgtggaaag gaaaataacc catatcgaaa 240
 tcagaacaac ggtgttttaa aaatacgaat tgagtctggc caggcgtggt ggctcacgcc 300
 tgtaatccca gcactttggg aggccgaggc aggtgggtca cctgaggtca ggagat 356

<210> 510
 <211> 352

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 510
ctaataagaca tccaaatgca gcctacttgc aagcaggagt taagtcagtt tcactctcgt 60
atcttgtatt tgtgccccca gcccttggag cgtaatgaga aggagccggc ggcagggaga 120
caggaaccac aggactccac tccagctgtg gattctaacc cagacctctt cccccacatc 180
cactaattct tcacagaacc tttaaactgg gtgtgggctc tctgcaagtt tcgctgtggg 240
ttctaagtcc ttagtggttg atccacttga caactaattt ttttaagttg gtagctccct 300
gcggtatttg acagtttttg gtttggtttt gtttttgaga cagggctctca cn 352

<210> 511
<211> 298
<212> DNA
<213> Homo sapiens

<400> 511
gaggcgggag gataagtctt aaagctgctt ttgcaaaaca agcatgtgtt tactgggcgg 60
cataatagct tgggcagctt ttgggaagag ctgctacaat ttgggaggga tgtcagtttc 120
acacctccca tcaaaggaag gtgaggaaat ccactagact tacatcctcc aggccaaaag 180
ctagaaagtg tccttttacc tgcattgctt caactgctg tccctgacgc cctgggtttca 240
tgggtgctcct gtacctactt taaggagact caccctgctt gtcacgaac gaaagagg 298

<210> 512
<211> 348
<212> DNA
<213> Homo sapiens

<400> 512
tttgggtatt cgggtattat tgatggtaaa ctgactaaaa tcatacatgg aataatagaa 60
atcaggccta acatcagata gacttttcca ttcagttaag ttatttgtta gcaaaattta 120
ttttgtcagt tcactacaca atgtgacagt atatagtctt tctaatagag taacattaaa 180
gaggacatat aatataacca aaaatttgag ttccagataa gtttgggtgc tcactagcaa 240
gatgaogtta aataactcat ttaatttttt tgaaaactta attttctgtt ctgtaaaata 300
aaaagcaatc tgtctcttgt ccaaaagact atgtagggtt tttaaaaa 348

<210> 513
<211> 368
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 513
acattcatca atgctctgga ccatagcatg gtgaggaaaag ggtagagcag ctcaagtgcc 60
caaggcccag agcctgccag gccaggatag gagagcatcc catggctgga ggagccctgg 120
ggcagccact gccctctgcc tcccatagct ccagacacaa atcaacaggg ctggcggggc 180
tcccagtgta tagcctaggg caggataggg gagtcactgg cagccaggct ttctaagcca 240
gagggccctt ggagatcttt cactgttggt tcccatttac agtcagtga actgaggccc 300

agagaggggaa agtaactttc ccaaagaaac acagcaactg agtggcacgg ctgggattgt 360
aactcccn 368

<210> 514
<211> 349
<212> DNA
<213> Homo sapiens

<400> 514
cacatacgcg tttctatctt tcttcctctc ctctgatct ccttaaaaat gaatctagag 60
ttggtggctt tttccccctc ctctttggcc agttccacag ttcagttctt cctgaaaaca 120
gggatgatga actttagtaga tcaggacaaa tgtgtgtttt tcaaaaactt aaggctgggt 180
gtgaaacacc ttctgtggac aaggatttgt aaacttctct cctccctcca gctgcggccc 240
cagcctaact gatagttact tgattcagtg tgctagacac ttaaatagca tctatgtctc 300
tttcaaggga atttgtcaaa taatgcgtgt tagctaattg ttgcaagca 349

<210> 515
<211> 349
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 515
tccattgcag ggtatcgcca ggtgccttga acttcccag gcaagaagac cctggagaca 60
ggtagcaggg tggccagggc tgggggtggct tcaaaactca cagacaagca gatgcttcaa 120
gtctgggaag cctaagccca ggtggctgca attctgatgt cacctagata agccactgtc 180
aactctgcca tccccttccc caggctcaga ggctgaggac agagaagctg gggttgtgcc 240
ccagntcttt ctagtaagac tcaaaggaca aagggtgggc ccagggaaca tgggtgaccc 300
tggcctcatc ctcatgccc attgcttgca gggcaagggc tccagcttg 349

<210> 516
<211> 383
<212> DNA
<213> Homo sapiens

<400> 516
cggttgctgtc gattgagttt aaccatgttc caagagaaaa tacaattaat gaatagtcac 60
aagggttgcta atctgatcaa tgccgggtga taggacattt aatctgattg tctgtgactg 120
caattgcaca gagctttggc agccaagagg accgccttg ctggcaagag cgttttagt 180
ctggtcactc cttgggggtg aggtggggct ggggagctgt gatgtaaaca gatgtgggga 240
ggagagaagg cgcccagagc atgagaggaa ctggctgaaa ggatcgaaca cagggaggtg 300
agccacacaga aagtaggtac ctttcatgcc aggaatggga gagacagccc catttttttt 360
tctgagacag agtctcgaag tgg 383

<210> 517
<211> 361
<212> DNA
<213> Homo sapiens

<400> 517
cctaattccc tcacaagcat tcagtccttc caccctgagg tgggtgaaatc cctgcaggca 60
tttataagta tacctggaca gaagaaatac aagataaccgt tctattaact caatatagt 120
ttgctaagtt cgtacttttg ctttggttat tttattttat aaataggtat cactcgcatg 180

gttccaaatg	cggtaggcac	agagagtata	tatgatggaa	ttacatgctc	cttccctgca	240
ctcagcaacc	gagatattcc	cgctacgggc	actcaaaggt	ttcattgtct	gaaatatcag	300
gctaaacgta	gttcatgggt	aggaagcaac	aaccgtaa	aatccccatc	caaacggagg	360
g						361

<210> 518
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 518						
gggtgaagca	agtaaggagc	ataccttagt	cacagcccgg	cccttggtga	atgggtgtac	60
tataaactaa	atctgcctgc	caatcatggg	acaaggcaga	acacttgtct	atctctgtct	120
aagctcccct	gaaaatttat	gaagagatgt	ccgctcgcac	atgagtttga	gactaaaact	180
tatgtttcct	aagtaaaacc	cacatcagga	aaaccctagt	ccagtaaaat	ccaataacaa	240
gaacttctct	tatgttggtg	aaatccgtgg	ttgcttgaga	gaaacaagag	agaaataaat	300
tatctctaga	gaatttacca	aagaaaatga	accttaatcc	ttgtctcata	agatttctat	360
agaaa						365

<210> 519
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 519						
ggcagcagcg	gcagcagcgc	atttggtttt	tccacctgct	ggtgccctgg	aggctctgag	60
ccccggcggc	gcccggggccc	acgcggaacg	acggggcgag	atgcgagcca	cccctctggc	120
tgctcctgcg	ggttccctgt	ccaggaagaa	gcggtatggag	ttggatgaca	acttagatac	180
cgagcgttcc	gtccagaaac	gagctcgaag	tgggccccag	cccagactgc	ccccctgcct	240
gttgccccctg	agcccaccta	ctgctccaga	tcgtgcaact	gctgtggcca	ctgcctcccg	300
tcttggggccc	tatgtcctcc	tggagcccga	ggagggcggg	cggtcctacc	aggccctgca	360
ctgccttaca	ggcacttgag	atacctgcaa	ggtgtg			396

<210> 520
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 520						
cagcaggaga	tctgtccctg	cttcaatcca	cgagaagcct	cacaagtgtc	tggagggaga	60
aacgtccttg	aggacagtag	gaaactactg	tcctcagccc	tggaaactgt	gctaggtaac	120
tcagacaaat	caagtggccg	ttcagcagca	tcacactgca	ggaagtatgt	tccacaggtc	180
ccttgggcac	aaacccccag	cgaaccctcc	cacactgctg	ggaaatcccc	cttaggactt	240
tcctatttta	ggacagggca	gtgctctgat	gatttactag	agccaaggcc	aacctgggtt	300
atagcaccac	ctattgccga	aaagaaggca	gcaacctagg	agaaaaattt	anan	354

<210> 521
 <211> 265
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(265)
 <223> n = A,T,C or G

<400> 521
 cgatatctgg aagggcaggg acatgagctg ggtggggggc aagtaggacc tccatcagtg 60
 gggatatgac tcagctgtga gaaggacag atggagtga ggtccagcca ggggctgcag 120
 tggggctggg gtccttagag ctcagtatga gcttcagcac gaggtgggccc ttgtgtgtgc 180
 acgtangtcc ttcccgaag gcctctccag agtaaaggtc atggtcagga atagttcatg 240
 attggagact gaaactgcac atagg 265

<210> 522
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 522
 cgttgtgtgc gcaccctgat ggagacagag ggggacagcc cccacccatc tgtccccggc 60
 agggctcttg ctctcacagc cccctggaac aagccccatg cccaacctt gggcctggct 120
 actggcccag aaggcaccag gcctcatgag aatgctgggg gaccccaaag tggggggtcc 180
 cataacctga cctcctgggg ctacacctca tgccctggaca agacgctgtg ggctgtccgg 240
 gccttgaaca gccctgcagc tgcacccccg atcctgatac ctcaccccat tcaetgccag 300
 catgctaagg ctactggcgg gcctcctctc tgctcaaaat tatagacctg tctccctgac 360
 acacctgctg tgccctct 378

<210> 523
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 523
 tgaggtgccc tgccaggacc ctgccagctc ttgttggaca gggaccgcct ctctcctgcc 60
 cattgacccc agggccagat gtgggacaga ggaatgtgca tgggtggggc ctgggcttct 120
 ccgtgtgtgt cctgtctcct tccagcttct tagacgtggt ggcccagagt gcttttcagt 180
 gcacccgagc catgatgagc gagtggctgt gatgaccac gcagccagtc ctttgtgcaa 240
 ggagggggaag ggagggccct acccgtattc aagctcagct gtcggcactg tggtttcttg 300
 caccctctta aacctgagac tccccctctg attgcagttg aacg 344

<210> 524
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 524
 ttcattcgct cgccaccaca gaaatccaga aacgaatata tagcaccaga atttttcacc 60
 agcaacaacc cagaactcaa atatgggatg aaacaattcc tggagccaca aaaaagtgga 120
 gaaactccaa gcagatagga aaagaatcca gactcccaca tccacaatgc cctcccccca 180
 aattcttccc agcgccaagc acacaggaaa tcttccctca attcacagt tatgtacttg 240
 aaaaagagag attgagatgg tcaaccggct tccccacctt cttgggttcc cagcaggaga 300
 cttgtccttg ctttaaccca caggaatcat catgactgag tgaaggaa 348

<210> 525
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 525

cgttgctgtc	gggaagaaga	gccaaaccaat	cacaccagag	cttccaccga	cagcagaggg	60
gacgtaacac	accttctttc	ccctccggct	ttccttcccc	ttctctcccg	ccttctcctt	120
attcatacca	gaagcgctc	agctctgatt	ggctggagct	ctgtgctatc	tcagccaatc	180
acaagccggg	ctgtgctcct	acaccatccg	aagagcgaat	cgtgcagaga	ccgtgtctac	240
gattggcctc	tccttgacaa	ggatttaatt	ttgaattttt	ctttatggcg	tgggagaggg	300
cacagcccgg	actccatcga	ctcccccggc	tcttagacta	aaatcatgcc	caagttcaaa	360
caacgaagac	gaaagcta					378

<210> 526
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 526						
acaccagaa	aagcccgttc	caagctcggg	aagttgcaga	ggagaaaacc	tggagtctag	60
cgtcctggct	ctgcctggtg	atgggccagc	ggcccgtgcc	cagagaaaacc	cactggagga	120
ggatggaggg	cggccctgcc	cccgggacag	accagccttg	accggagcga	aggagggagt	180
gcgccacgca	aagcaccaca	ggcggcgcg	gggccttccc	tggaaggcca	ggctcctttc	240
caactgggct	gcctctcggc	ttcaacgtcc	taaagcgggg	acggctgaac	cccggncatg	300
gctgacttga	ctccacctcg	gaatacttga	tagggttcgc	ctatcgctc		349

<210> 527
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 527						
cgttgctgtc	gccagagttg	cgaggagttt	tttaactgat	ttagccaggt	ggcaatcatg	60
agtgaatgga	tgaagaaagg	ccccttagaa	tggcaagatt	acatttataa	agaggtccga	120
gtgacagcca	gtgagaagaa	tgagtataaa	ggatgggttt	taactacaga	cccagtctct	180
gccaatattg	tccttgtaga	cttccttgaa	gatggcagca	tgtctgtgac	cggaattatg	240
ggacatgctg	tgcaactgtg	tgaaactatg	aatgaagggg	accatagagt	gagggagaag	300
ctgatgcatt	tgttcacgtc	tggagactgc	gaagcataca	gcccatagga	tctggaagag	360
agaaagaaca	gcctaaagaa	atggcttgag	aaan			394

<210> 528
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 528						
ctccccctca	catctgggca	gctgccatgg	ggcctagctc	aaagaagggg	ccccctccca	60
gggccagctt	caggatctga	tcctgcccc	cagctctacc	ccacaccata	ctatgctggc	120
ctcgctgagt	cacatgtgca	ggtgcccc	ccctcaaaca	cctgtgacct	cccagcctca	180
taccaagtct	ttggctcttc	tgagaccct	agcacctgtt	gacgcaactg	tgctaattgag	240
ctgggaaagc	ttcccccaacc	ccgtcccaca	taaggggggt	gg		282

<210> 529
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 529
 cgttgctgtc ggtgcgggcgt ctgatttctt tgtgctaacc tggcagctgt ggggccccta 60
 ggagcccccc accgaggggtg gacacagtcc ctttccttcc tgcagatgcc taggcaggag 120
 gagggccttcc tgcctgtttg gcaaagtccc aggcagaggc caaggatgag gcctgactcg 180
 gctcctccct ccacatcagc cagggcatca gaagttgggc cagggcgggg ccttccctgc 240
 tcgatttttg acgaggccta agtaaaccct ctatgccctg ccccagacct ggctctttcc 300
 taacccctc aacggtggga ggaactggca aaaggtgcgc ctgggcacaa acttcccgga 360
 tctaaaggcc ctttccagat tttgaccaa ggggcg 396

<210> 530
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 530
 tactacgggtt gcgacatgac gacagacggt gacgggtgcg ggcagaccac agctggattg 60
 cgctgcgaaa agagctctat ttgggacggc tgcgatgcta ctgctgtatg tgcgcctgt 120
 atgagctcga ctaaaccgggt ctggctgcga caatacgcac tgattgtatg ttttgcgttc 180
 agacgaagga gggggacggc tttgttgaga attcccacat ctttgggttc agcttggcat 240
 taaagagtgt agtgataaat tattgatgtt ttttatggga acggggaggg cccgcacaaa 300
 cgtcagtac ttgctatcct gatctactct agttcttttg ttttccaggt gaggaacta 360
 aaatctactg aacttagtct ataataagc 389

<210> 531
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 531
 ggcacgagat gccgagcaac tgtggcctgg aagagaaaat tgccaacctg ggcagctgca 60
 atgactctaa actggagtcc aggagtttct gggagctgat tggagaagcg gccaaagagt 120
 tgaagctgga gaggcctgtc cgggggcact gagaactccc tctggaattc ttgggggggtg 180
 ttggggagag actgtgggcc tggagataaa acttgtctcc tctaccacca ccctgtacct 240
 tagcctgcac ctgtctcat ctctgcaaag ttcagcttcc ttcccaggt ctctgtgcac 300
 tctgtcttgg atgctctggg gagctcatgg gtggaggagt ctccaccaca gggaggctca 360
 ggggactggt tgggccaggg atgan 385

<210> 532
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 532
 ggcacgaggg tgtgtctgtg tttgagatga ggctgtcgtc tttcaaaggg tgtgtccatg 60
 gctgttatcc atgtagctat gtctctgtgt gaaggtgtgg ctattgtctg tgatgacatt 120
 gcctcggaga gtgcactctga gggatctaca agactgtctg tgtccaagag tgcagctgtt 180
 ggcggtgagc ctgtgtgact gtggctgttg ccttagagtg tgggtgtgtg ggtattgcac 240

agaggggtgta tctgtgtgca gtggtgcata cgttaggggtg tgtgggaaca tgacgttgtc	300
tttgagagtgt gtttcatgag gggtatttgt aaggggtgtga ctgttgacctg agagagtgtc	360
cgggtggtct ttgcgaaact cgggtgcctgt tg	392

<210> 533
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 533	
ggcacgaggc ccccttcagg ctaagtttca tgcagggaca gacccagaaa gaacacagtc	60
tgccctcaga gagctctttg cagtgtagt acactgggggt ttctgcagtc agggaggagg	120
gaggggtggc aggtgtacag ctttttgcaa gaggggggg accagcacca gctgggaggc	180
ataggctagg acaggccac gtggaggctg ggcaggaagg gcctgctgag gtcacacagc	240
tggtgggtgt tggggccagg cggtcttcct ctttcagaat gctaggggtg ctctcaccac	300
tggccgctc tccttgccag gcctgccaac tcaggggaca gatggagcac gagtggagaa	360
agggaaaggc aggtctggtg t	381

<210> 534
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 534	
cggtgctgtc ggacatcgca aacgtcgcag gacttccagc aagtcggagg caggggctag	60
gggtggaggc caggggttcca aggaaaagg cggaggaggt tggggaggcc gccaccacca	120
ccaccaccca ctgcctgcag caggcttcaa aaagcaacag cgcaagttcc agtatgggaa	180
ttattgcaaa tactatgggt accgcaatcc ttctgtgag gatgggcgcc ttcgggtgtt	240
gaagcctgag tgggttcggg gccgggacgt cctagatctg ggctgcaatg tgggccatct	300
gacctgagc attgcctgca agtggggccc gtcccgcatg gtgggcctgg atatcgattc	360
ccggtctatc cattctgccc gccaaaa	387

<210> 535
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 535	
cggtgctgtc gctgaagcag tggatccagg gcgggaagca ggagacacag ctgctggaag	60
actacgtgga agccatcgag ggtgtcagaa cgcacctgct gcggcactcc gagcccagta	120
agctcacctt tgtgggggag cttgcccacg gccgcttcag tgccaagatg gaccacctg	180
tgtgcttcct gccagggacg ctggctctgg gcgtctacca cggcctgccc gccagccaca	240
tggagctggc ccaggagctc atggagactt gttaccagat gaaccggcag atggagacgg	300
ggctgagtc cgagatcgt cacttcaacc tttaccccca gccgggccgt cgggacgtgg	360
aggtaagcc agcagacag cacaan	386

<210> 536
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 536

aataaaagtt	tctttaaggc	agataaaagtt	acaatgctgt	ggaataaaaa	agctactgct	60
gtgttggtta	tagctagcac	agatgttgac	aagacaggag	cttcctacta	tggagaacaa	120
actctacact	acattgcaac	aaatggagaa	agtgtctgtag	tgcaattacc	aaaaaatggc	180
cccatttatg	atgtagtttg	gaattctagt	tctactgagt	tttgtgtgtg	atatggtttt	240
atgcctgcc	aagcgacaat	tttcaacttg	aaatgtgac	ctgtatttga	ctttggaacc	300
tggcctcgta	atgcagccta	ctatagccct	catggacata	tattagcatt	agctggattt	360
ggaa						364

<210> 537

<211> 389

<212> DNA

<213> Homo sapiens

<400> 537

ggcagcagca	gcaacaagtt	catgctgggt	ctggccagca	accaaccaga	gcagttcgac	60
tgggccatca	atgaccgcat	caatgagatg	gtccacttcg	acctgccagg	gcaggaggaa	120
cgggagcgcc	tggtgagaat	gtattttgac	aagtatgttc	ttaagccggc	cacagaagga	180
aagcagcgcc	tgaagctggc	ccagtttgac	tacagggagg	aagtgtcgg	aggtcgctcg	240
gctgacggag	ggcatgtcgg	gccggggagat	cgctcagctg	gccgtgtcct	ggcaggccac	300
ggcgtatgcc	tccgaggacg	gggtcctgac	cgaagccatg	atggacaccc	gcgtgcaaga	360
tgtgtccccg	cagccccagc	agaagatgg				389

<210> 538

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 538

cggttgctgtc	ggatagtgat	gggggtgacg	gtggaagcag	gtcaggtgaa	acaggggaca	60
cccattgtgtg	tcccaagcaa	aaattttgtt	gacatcgga	tagtaacaag	tattgaaata	120
aaccataaac	aagtggatgt	tgcaaaaaaa	ggacaagaag	tttgtgtaaa	aatagaacct	180
atccctgggtg	agtcacccaa	aatgtttgga	agacattttg	aagctacaga	tattcttgtt	240
agtaagatca	gccggcagtc	cattgatgca	ctcaaagact	ggttcagaga	tgaaatgcag	300
aagagtgact	ggcagcttat	tgtggagctg	aagaaagtat	ttgaaatcat	ctaatttttt	360
cacatggagc	aggaactgga	gtaaatgcaa	tan			393

<210> 539

<211> 395

<212> DNA

<213> Homo sapiens

<400> 539

tgggacctca	gggccacact	gaacgccttc	ctgtaccgca	cgggccagca	cagcaacaag	60
ttcatgctgg	tcttgccag	caaccaacca	gagcagttcg	actgggccat	caatgaccgc	120
atcaatgaga	tgggtccactt	cgacctgcca	gggcaggagg	aacgggagcg	cctggtgaga	180
atgtattttg	acaagtatgt	tcttaagccg	gccacagaag	gaaagcagcg	cctgaaagctg	240
gcccagtttg	actacgggag	gaagtgtcgc	gaggtcgctc	ggctgacgga	gggcattgtcg	300
ggccggggaga	tcgctcagct	ggccgtgtcc	tggcaggcca	cggcgtatgc	ctccgaggac	360
ggggctcctga	ccgaggccat	gatggacacc	cgcgg			395

<210> 540

<211> 396

<212> DNA
<213> Homo sapiens

<400> 540
ggcacgaggg acctcagggc cacactgaac gccttcctgt accgcacggg ccagcacagc 60
aacaagttca tgctggtcct ggccagcaac caaccagagc agttcgactg ggccatcaat 120
gaccgcatca atgagatggt ccacttcgac ctgccagggc aggaggaacg ggagcgcttg 180
gtgagaatgt attttgacaa gtatgttctt aagccggcca cagaaggaaa gcagcgcttg 240
aagctggccc agtttgacta cgggaggaag tgctcggagg tcgctcggct gacggagggc 300
atgtcggggc gggagatcgc tcagctggcc gtgtcctggc aggccacggc gtatgcctcc 360
gaggacgggg tcctgaccga ggccatgatg gacacc 396

<210> 541
<211> 319
<212> DNA
<213> Homo sapiens

<400> 541
tattattctc attggctgcg gtagatgagg tatttttagg ccttacctaa ttcattctgta 60
aaaaataagt taatgttttt tgaatgcctg ctactggggc caagggtag acgtagctca 120
tctcagtgtc ctctaccacc ttacaggagg agaataccgt ttgcaaatag gggcccaaaa 180
agatcactgt gctggcccaa agtcacacag ctgataagtg gcagggcaga ggcctcattg 240
tgctcccag tacaaagata gcagtctctt cctgcattac agaatttgtga gaatgagaag 300
ataatgaacc agaaaagcac 319

<210> 542
<211> 301
<212> DNA
<213> Homo sapiens

<400> 542
atgcctggct aattttttat ttttagtaga gatgggggtt caccatgttg gccaggctgg 60
tctcgaactc ctgacctcaa gtgatctgcc caccacagcc tcccaaactg ctgagatcac 120
aggtgtgagc catcgctgct ggcctgttta atgaatttct gactggaggc ttaatttttt 180
tgtttttttc acaggggtctc tttgagagga tgacagtggg aagcgcctac tgtggctgtt 240
gcggctgcag gcttggtccc ttccactctc gggctgccct tcacggtgcc aggttttgtg 300
g 301

<210> 543
<211> 340
<212> DNA
<213> Homo sapiens

<400> 543
tatttttgcg tggaatataa taatatctga aacctccaca ggtoctttat acataacatt 60
ctacctacaa ataagagtca ctacacatgt gaagcagcaa tgcatatga ccaataatca 120
agaggggaaa aaaaaagcaa aacaagcaaa tagatgatct gcataattga agttaacaga 180
caagaacttt aaaacaacca taattgggac ttctggatag ctaagggcat aacagctgca 240
ccatttagct atatgcctcc ctgtatttcc tcctaaaga attaaaacca acaaaaaatg 300
gtatgtaaat ctagacgaaa ccatgccttc ggcataactt 340

<210> 544
<211> 328
<212> DNA
<213> Homo sapiens

<400> 544

ggaaaaaaaaa gcaaaacaag caaatagatg atctgcataa ttgaagttaa cagacaagaa	60
ctttaaaaaca accataattg ggacttctgg atagctaagg gcataacagc tgcaccattt	120
agctatatgc ctccctgtat ttccctcccta aagaattaaa accaacaataa aatgggtatgt	180
aaatctagac gaaaccatgc cttcggcata acttgaagac agagaatgct aaaatattaa	240
aatgaccgtg actaggctgg gcacagtggc tcacacctgt aatcccagca ctttgggagg	300
ctgaggcagg tggatcactt gaggccag	328

<210> 545

<211> 324

<212> DNA

<213> Homo sapiens

<400> 545

aaggcagcag gtgccagtgt cagtaaaggc cctgcctggc tcccttgctg agaatccagg	60
ctatgcctga gctaggggtgt gcacgtgtgt gtgactgtgt gtgtgtattg caaaacaaag	120
tttcttgagg ttagctagat ttcattttac cttctgagtg agcttgattt ttccatggaa	180
aatggacaat tctttctttt ccatagggtca ggaagctgtt cctgcattct ttgggaccag	240
aaaaataatt ttcattttatc ttctgtcatt atctgactct ttctctctaa atctcattta	300
cactgatgta aatgtaatat tttta	324

<210> 546

<211> 333

<212> DNA

<213> Homo sapiens

<400> 546

tcattacatt attttccttg taattaattt gctaaacgga ggtgaacaaa gtagtcctaa	60
actaaaattt atttaccatt tctcctttta atacaaagac aaatatgatc tattcatgac	120
attataccac tgtttctgtt atttcccata ttaacttggc gtagttgttt aaacattct	180
tttcttcttt gtagatgaag aaaatatgac agtgaaataa cgattactat tgatcagtca	240
tagttgttta aaataatgtc taatgggctg ggtgcgggtg ttcacacctg taatctcagc	300
actttgggaa gccgaggcgg gaggatcacg agg	333

<210> 547

<211> 341

<212> DNA

<213> Homo sapiens

<400> 547

aacggccagg aatgctcaca aatatagtga cagtaatggt gtcattctga ggccttcgcc	60
tcaaggcagg gcttgaaagg ggataaagtc taatggcact agctggcatt tcaaattcta	120
gatgcctgag gcagactggc accgaaacag ctctcgtttt ctctcaaagt gaacatataa	180
ttcatagagg gttaacaaaa taatatcgtg aagtttttcc cctttaaatc tctaacggtg	240
gcggggcgcg gtggctcacg cctgtaatcc cagcactttg ggaggccgag gggggaagat	300
cccttgaagt caagagtcag agaccagcct gggcaacatc g	341

<210> 548

<211> 332

<212> DNA

<213> Homo sapiens

<400> 548

gtctgatcat atatcctgat ttttaggtaa gaatacatag ccatgacagc aagagaatat	60
ctctgcagct tctgatgtac actgaagagc aaaataactt aagacatgta aagttagggtg	120
cctcaaaaag taaacactgc atgtcccaa ggggaaaaac aattctacaa aacagagagt	180
taaaaaaaga gaaagaggcc gggcacagtg gctcacgcct gtaatcccag cactttggga	240
ggcgaggcag gtggatcaca aggtcaggag attgagacca tcctggctaa cacggtgaaa	300

ctccgtctct actaaaaata caaaaaatta gg

332

<210> 549

<211> 328

<212> DNA

<213> Homo sapiens

<400> 549

ctgtgttgca	ggcataaacc	caagtggctt	ttaaagatca	gctgtgatta	atagtagtca	60
gttggaagtc	agagtcacat	gtttaaaatt	tagctcaaca	aatgggtggct	tgcttggttag	120
ttcctgtgtt	taacattatt	tttggaagaa	aaagaaaaaa	aaggaaggta	gaggaaggga	180
gaatgttttg	attgttttct	aatttattga	tctctccctt	gcatcatcac	caagactgtt	240
aactgggtcc	cagaatgttg	tgggttgagc	ttctgtgctg	taatgtgggt	tgattttttt	300
agaggggaga	taaggggtatc	tcctgtct				328

<210> 550

<211> 319

<212> DNA

<213> Homo sapiens

<400> 550

gagaactaag	tatcttctct	gcattagcca	taacacatat	tattttaatt	aagggttctg	60
tttttttaat	cacctcatgg	aaacactgag	tctaggctga	gatgggggcc	tttagtattg	120
gatgaggctc	acttatgccc	actagccttt	atgtaggtat	gttttacatt	tcttaacatg	180
cactcattta	agtgtatgat	taaatgactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaatc	agtttttagaa	catttttatct	cttcagtaag	atatttgtga	ctgtttacag	300
ttaateccctg	ttcttacct					319

<210> 551

<211> 332

<212> DNA

<213> Homo sapiens

<400> 551

tctgctatcc	tacttgagct	tctgtatcca	cttgtggtac	cacatgcttc	acagtgtttt	60
gtcatggttt	atttacatga	caatcaccag	tagaagtttg	gaagattttt	gaagatagga	120
cactatcatc	atcattttga	atctctacta	tctagtacta	acccacaaat	aacaagcact	180
tgagaaatgt	ttgagtgcct	gagtggatca	gctttccact	tggtaaaact	ttaggtaaat	240
ttcatcctgt	taaactggtc	ctgtgtatta	gccgctcact	taccaccatt	tgtctctctt	300
tcacatcaat	tggatgaatg	aaaaatggct	ct			332

<210> 552

<211> 177

<212> DNA

<213> Homo sapiens

<400> 552

cacttgatgc	atatactaaa	ttttctttga	tcaattttta	gtgcctcaat	ttttagtccc	60
tttaattaga	aggtagccag	tatccagtac	caaaaattga	gaacactgtt	tcctgatcta	120
aagagttcct	ttttactggt	catgcttgct	ccaaagatat	ttttctcata	ctgatgg	177

<210> 553

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 553
 atgacctgac aatttcatat acaaatacat tgtgaaatgg ttaccacaat caaattcatg 60
 aatatatcca tcaccacaca tggttaccat cctttgagtt ttaagggtgaa ttaatggaat 120
 gcgtgtcatt catatgcata ttcatatgca tgtcatttgc ataccattcc ttgactcaag 180
 aaagttgcta tatgagtgaag agataattat tgatcatatg aacttaagat acaattattc 240
 tcatctggcc aggtgcagtg gctcacgcct gtaatcccag cactttggga ggcagaggca 300
 ggtagatcac ttgaggtcag aagtttgn 328

<210> 554
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 554
 ccactgaaa gttattacaa aaaattgtgc agagtaaatac aactaatccc agtgaatcaa 60
 ctaatccaag gctgtgatca ttttaataac tctccacaaa ggctcagaaa atttctccac 120
 ccattgaattt cttctacaca gctgtgatta taatgtgata caaaagcaac atccttcagc 180
 tagtgaggtt gccaggagag agtggcagag ccgcagagtg tggggtagac cctacatttg 240
 aatccatcag caagccgtgc tttctgcctc tcaacacagg cacagcaaga gtctttaaag 300
 gagaaagaca actgcggngc ctggttaaacc gaaat 335

<210> 555
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 555
 cttagcaciaa cacagaaaag ctttaaacac tcttaccttt gactggaatt acacacacac 60
 acacacacac atacacacac acacatacac acacacacac taaggctttc ccacaaagcc 120
 atgatgcatc cttaaaaata acacacagct ctgaaaagtg aatgtcgggg gtgaagagag 180
 cctcctaca ctccttttcc tagagatgac aagggtgtgg gggcatggct gactgtgagg 240
 agcaaaaaat gagaggggaga tatcatttta cttctttgta ctgcnataat aaaaagaaca 300
 gatagaatgg aaggaagagg ccaggggca 329

<210> 556
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 556
 atttttttta ttttaatatgt tacaaaaatag ctgtagtatc atatttttta ttgatggatg 60
 gatttatcca catgaacgac atggcataat ctatgcctaa tactctctac ccagctgggc 120
 attgttgact attcaatggt tacgaaatag atcccatccc tacttgactc cagaagtgct 180

atttttctaag tacatgttga aaagtataat ttcaatcagt caagaatcc

229

<210> 557

<211> 267

<212> DNA

<213> Homo sapiens

<400> 557

gcccacctac	agtcctggca	gaattggact	tcagcagaac	cggggtcctc	ccttttgttg	60
gcctgtgggg	aaacacttct	gatgggcccc	tttttgtaag	gttgcaagta	gtcacatgaa	120
tactatcagc	cacactggcc	agatcagggg	acaatcctat	gtcctgggac	ttgaaacgtt	180
cttgtccacg	tgtggcgctt	ggtgactacc	atggccaggg	accagcaggc	cctgtctgcc	240
ttcagcctag	agcagggctc	tgagccg				267

<210> 558

<211> 338

<212> DNA

<213> Homo sapiens

<400> 558

tccaagtttc	cccaaacatc	ttacagttta	agtgagggta	accattgata	gactatatat	60
tgtaaaaaga	tactagtact	tctgaggaaa	tttacaattc	agcaacacaa	cttataaaat	120
accattaaaa	tgctgtcttc	tattcatact	gcgaaaacct	atagagctat	tttgaaaaaa	180
caaaaaccaa	gaaagctctt	tatgtccttg	acatagtaag	gtctctaaat	atatagcaaa	240
tagagaaagg	gagatcagta	cagtgtgtat	attatgacac	catttgtaaa	acattatctg	300
cgttcatcat	tttcttatat	atgtataaaa	taactcag			338

<210> 559

<211> 325

<212> DNA

<213> Homo sapiens

<400> 559

gagaactaag	tatttttctct	gcattagcca	taacacatat	tattttaatt	aaggtttctg	60
tttttttaat	cacctcatgg	aaacactgag	tctaggctga	gatggggggc	tttagtattg	120
gatgaggctc	acttatgccc	actagccttt	atgtaggtat	gtttttacatt	tcttaacatg	180
cactcattta	agtgatgat	taaatgactt	tcagtaactt	tagtgagtgg	tacaaccatc	240
actagaaatc	agtttttagaa	catttttatct	cttcagtaag	atattttgtga	ctgttttacag	300
ttaatccctg	ttcttaacct	gaggg				325

<210> 560

<211> 336

<212> DNA

<213> Homo sapiens

<400> 560

tcctctttgt	aatatctaca	tgcccagtac	ctaatatata	tttattcaat	gtgatatttc	60
ttatcaattc	atacctgaga	attcacttaa	ctttgccatc	acatgagttc	tagcaagcag	120
gaatatacag	tgattatgcc	tagaatttta	aacatcagat	ctgacctaa	aaataacaat	180
cccaactgta	agaaagaagt	ggtttgggga	agtcaaacac	taaagaaata	ctttcaaacc	240
agtctaaaac	taactaaatg	gttaatctta	tattaacaaa	aacatgcaac	ctagattaac	300
aaaagcatac	aatctcfaat	ttcattatgt	gcattt			336

<210> 561

<211> 323

<212> DNA

<213> Homo sapiens

<400> 561
actaaaaata caaaaattag ccggacgcag tggcacgcgc ctgtaatccc agctactcaa 60
gaggctgagg cacgagaatc acttgaaccc gggagggaga gggtgcagtg agccaagatc 120
gtaccaccgc actccagcct ggggtgacaga gtgagactct gtotccaaaa aaaaaacttt 180
gcttgtatat tatttttggc ttacagtgga tcattctagt aggaaaggac aataagattt 240
tttaacaaaa atgtgtcatg ccagcaagag atgttatatt cttttctcat ttcttcccca 300
cccaaaaaata agctaccata tag 323

<210> 562
<211> 340
<212> DNA
<213> Homo sapiens

<400> 562
ggaagggtga gattttctac tgcattagtt gagggcaatat tagctataac aaaacagatc 60
aaatagtgtg taatgactca ttccaaataa acattttgttt ttcatttatg taactattgc 120
aggttggtag gggactttct cctccttgca gatatttttg aatccacctt tgaagatggg 180
aatacaacat gtgacttata agatttagta aataggggaat acagagggca aatggaaatt 240
cagtaggcaa caaatgggtg ccaatgttat aatcattcat gtgaagtgtg gtaaatatcc 300
cactccattg ttttatagtc tgaacacttg attttacata 340

<210> 563
<211> 321
<212> DNA
<213> Homo sapiens

<400> 563
ataaaccatg gtcattttta ggcattgtatc attcattttac tcatagtttg gtttacttaa 60
attatcagga atacaatgtt gcaatgatgc ttaaaaaaca cttgttagtt ttccctgtac 120
caggcaatgg ttataattaa aatgatatgc tgttgagaag ccactcttaa gagtccagtt 180
tgtttaatgt tatgggcagc taccaaattt ggggtgtctct tgtatatatt ttgtaagaat 240
ctcatttttt atgcttgaaa gatttggtga aaagaatgtg gttgaccata atttgcaaca 300
ttgtcttatt aaaaataaac t 321

<210> 564
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 564
aagcccaaat tttaatgcac ttctgacttt aaaacttggt atttcttata tatcctttga 60
cctccttaga actgacattt aactccctaa aaaaatacta gagcttggtg gtcaggcaaa 120
ctacatttac tagacttact agtactctca ttgaagaaac agtgagtata ttagtccatt 180
ctcacattgc tatccagaca cacccaagtc tggngaattt attatttatt tatttatctg 240
aggcagagtc ttgctctgtc acccaagctg gagcgcagtg gcgcgatctt gtctcattgc 300
aaggtcgatt ctccaagttc aagggtg 327

<210> 565
<211> 193
<212> DNA
<213> Homo sapiens

<400> 565
 caaatacctt ctgtgcaaag atagactatg aataatgact ttgttttctt ctattttattc 60
 atggtcagga aggacatatt ttccttcctt actatcatct tgctgtcaaa cttcttgagg 120
 ttaacttggg tatatagtct ttactttgga aaggagagta gttaaactctg accaatttaa 180
 ttgatcagaa aat 193

<210> 566
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 566
 ggcgtctaca ttcacggcgg tcaactccgtt tctgtctcct tttgtttggc acctgtcagt 60
 ggatggaaga tgaaagtttc aaagctcatg gtaacagcag ggctctctac cccaggggtt 120
 tctacctgtg tctggcagtg ccttaagagg atgatccaga ggcttcggag gagggcgacg 180
 tgggaaggag caggtagccc aagctcccat ctcccaccca atcgctcggg cagcttgagg 240
 ccacgtaaca tcttgtcatt ctaaataatgt cagattttaac ttggaaaaca aaaaaaaaaag 300
 aattccactc ctaaaaaatt ttactaagaa atat 334

<210> 567
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 567
 gactgtatct cattggggat acgaagctct acacacttga agatggtgaa ggaatataaa 60
 aatctatgtc tcacagtcca gacttgaggt acaagtaata agaagaataa aacttaatcc 120
 cttaaagtaga ttcaccataa gttagctcag agcaattcca gtgcaagtat ggtctgtgat 180
 ccagtagtat cttacagaca gcaagttgaa cattgtggga tgcattgagct attgaggcct 240
 ttgcagcttt ctgctacatg gaggttaggg ccagagtcaa gatttatgct ttgcagcaca 300
 ctgggtcagct gtttttgcaa atcaag 326

<210> 568
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 568
 aaataagaaa atgtaaagga ctttgacaaa tgtaccggct cagaacattc tgagaagaca 60
 attttttaat gtaaagggtga tgattgaata gttggatatg tgcacgttta gcaaaaatgg 120
 gttaggcaca gttaagagta ggtattttat tcaggaagaa tagaaggcaa ctagatgggg 180
 gagtttggcc tgagttttga ctttgatag aaatgattgt gttttctttt tttttttttt 240
 tgagattgga gttgggtttt gtcctccatg ttggtagttt ttgggacttt ttcttggggtt 300
 acacatcttc tagttctctg tagtgtgag 329

<210> 569
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 569
 aaaacattaa atcttccctg gggaaaggta catcatccag agatgcaata tttaaaaaga 60
 atgccccgca ttcatacaaa cattatgagg cgtatcagaa ataagaccaa ataaccacaa 120
 ccataagaaa aaaagacaag gaaaactcac agacgattgg ctaatgagac tatcacagat 180
 aatttttttt aaatctatta ttaacatggt caataaaaag atgaaaagat ggagaatttt 240
 attagagaaa tggaatatct aaaaatgaat tacttgaaga gttgctaaat gaaatgtaga 300

ataactgtaa gtgaaagcac agttggtgta acagcgg

337

<210> 570

<211> 330

<212> DNA

<213> Homo sapiens

<400> 570

tgatagttaa	gatcaattaa	ccaattagtt	acccattttc	atTTTTtctg	tatattcttt	60
gtagatcact	tactaaaatg	atTTTTctaag	accttcactt	tcttaagtaa	agaaaaacaa	120
tttgactgag	acttgcccat	ttagctaaaa	tctaaaagac	ctatttaatt	taaagtataa	180
gtcaagcaga	gatcttatct	tctgtccata	aataataaga	atgattgttt	ttcgctaagt	240
ggaaaaagtg	agatgaggca	agaagttgaa	gaatgcctag	ccaggtagca	tatgaagcct	300
acaagtttcc	agccgtgggt	ctgatgaaaa				330

<210> 571

<211> 185

<212> DNA

<213> Homo sapiens

<400> 571

acgacagaag	gggggctacc	ccggctactc	ctgctcagca	tggctgcttt	agtgaactgtt	60
ctcttcacag	gtgtccggag	gctgcactgc	agcgcagccg	cttgggcggg	cggccagtgg	120
cgactacagc	agggactggc	tgccaacccc	tccggctacg	ggccccttac	cgagctocca	180
aactg						185

<210> 572

<211> 339

<212> DNA

<213> Homo sapiens

<400> 572

gaacatcaca	ctccggggac	agattttttt	ctaacctagc	cgcacaactg	ctctaagggtt	60
ttatacacag	cttctgcctc	atcagcttcc	atctcatctc	atttcatgct	ggatctaaaa	120
atgactctgc	tgagggaaca	cacacactgc	ctgacagggc	tatcttaagg	gcctttataa	180
ggaagcagat	ggccaggcac	aggggctcat	acctgtaatc	ccagtacttt	gggaggccaa	240
gatgggtgga	tcacctgatg	tcaggagtcc	aagaccagcc	tggccaacat	ggtgaaacct	300
catctgtact	aacaatacaa	aaattaaccg	ggtgaggtc			339

<210> 573

<211> 331

<212> DNA

<213> Homo sapiens

<400> 573

cctgatatca	ggtgatccac	ccgcctcggc	ctcccaaagt	gctgggatta	caggtgtgag	60
ccactgcgcc	tggccaatac	tccttttatt	ttaaaaagga	caagttagac	actagtttgc	120
atgcatagct	tattgattat	cctgcagtgg	ggtcatagct	ccccatttgt	gatgccggaa	180
gattgcctgt	ggaatcacia	gacctcttcc	aatgttctgt	tatgctataa	aaagaccaga	240
actttttacat	tttaaattaa	aagaatgtct	gtgcattttt	aaaaaataat	aaaacaaaac	300
cagtagttgt	ggcagtagta	gctggtagtg	g			331

<210> 574

<211> 339

<212> DNA

<213> Homo sapiens

<400> 574
gcatagaagc taagaaatag taaaacttat gtaatcacat tatgcttggg aaactgtttt 60
cttgcaaaca aaggtatttg tctcttattt attgtgttga tcatgaaaat agtatctcta 120
ccctgaggtg ttacaaaaaa ttaatcaagt cagcatgtat actgcatatg tgtcttctgg 180
aatatttacc atttaataca gaacctaaaa aatatataac ctagctccca aaaagtaaca 240
tcagtgggta attgtcaggt taaagaaaag taaaataagg ctgggcatgg tggctcacgc 300
ctgtaatccc agcactttgg gaggtcgagg tgggtggat 339

<210> 575
<211> 205
<212> DNA
<213> Homo sapiens

<400> 575
gtgttcctgg cccttagcgt ggtaggtgcg gggttgccag ccccgctggg aagccccagc 60
cacaccccag ggtgtttgct gctctgaggc ctgggcctgc ctgggtgcta ggcttggggc 120
taggggggtg agcgcgatg ttttctaacg tgccttgta cgccactct agtgtgctgg 180
actctccctg agatcccgc gctgg 205

<210> 576
<211> 281
<212> DNA
<213> Homo sapiens

<400> 576
tgtttgcata tacccaaatt gacctcaaat aactttccaa atggagtctt caacagtaag 60
ttgaagtcca atattgacaa agcattaacc ttctagtgtt attttagcat tggcctaata 120
ttagcacttt ctataagaca aatttcagtt actacatcat acctcattac tagctgttgc 180
ttgaagtcaa catgttagtt tatctatttc aaccttgtcc agtaaattat atgcaagttc 240
agaaataaaa aaaaagtata tactattcaa tctctgagat c 281

<210> 577
<211> 189
<212> DNA
<213> Homo sapiens

<400> 577
tcaattatga aattactcat ttaattgtat tgaaatatgt gttattttaa tctctatctg 60
taacctacgg gtataacaat atgtctatac tgaggtata atcatttaac ctggcataat 120
atcaattatt ttagaaaata tgtaactgaa aactcttcct tttcataaga gttggggaaa 180
catctgatt 189

<210> 578
<211> 331
<212> DNA
<213> Homo sapiens

<400> 578
cataattcag tttacagcaa gaagataaat tatttttgcg tggaatataa taatatctga 60
aacctccaca ggtcctttat acataacatt ctacctacaa ataagagtca ctacacatgt 120
gaagcagcaa tgtcatatga ccaataatca agagagaaaa aaaagcaaaa caagcaaata 180
gatgatctgc ataattgaag ttaacagaca agaacttta aacaaccata attgggactt 240
ctggatagct aagggcataa cagctgcacc atttagctat atgcctccct gtatttcctc 300
cctaaagaat taaaaccaac aaaaaatgg g 331

<210> 579
<211> 325

<212> DNA

<213> Homo sapiens

<400> 579

ttgtaaaaga	gttcttgaga	tacagcactg	aatgtaaagg	aaaatattgg	agcattcaac	60
tacatttgag	aaataacttc	tgtttattaa	aagatactat	agaatgaaa	gcacaagccc	120
taatgaatat	tcttgtttga	tactaaacca	aagcttgaga	agtggtagtt	tcgcaagttt	180
ttcaagtgg	ttggtgcaat	ctgaagactg	caatcccatc	aatgaacttt	atatctttac	240
cctttaaaat	tataatttat	gggccggg	cagtggttta	cgctgtaat	ccagcactt	300
cgggaggctg	aagcgggtgg	atcaa				325

<210> 580

<211> 333

<212> DNA

<213> Homo sapiens

<400> 580

agtgtagtgg	catgacctct	gcctcccggg	ttcaagtgat	cctcgtgctt	cagccacctg	60
aatagctggg	attacaggcg	tgtgccagct	aatttttgta	tttttagtag	agacagggtt	120
ttgccatgat	tgccaggctt	gtcttgaact	tctgacctca	agtgatccac	ctgcctcagc	180
ctcctaaagt	gcaactat	tggtgagggg	ttggttttga	aatagtccat	taaggtgatt	240
agcatttgct	tttgataaag	acgatttacg	ggttggctgc	ttttgttttc	atgggagata	300
agtccccac	ttctgctatg	gcttaaagtg	gtg			333

<210> 581

<211> 340

<212> DNA

<213> Homo sapiens

<400> 581

tgaagattaa	gaggcagggg	ttcaaggctg	aggaagcaac	atgcacaaac	aaagttacaa	60
tatgacacct	tcaaggaaga	ccaacaagg	agaaataggc	ctgaaattcc	aggtctatta	120
gacagaatgg	gaggagatca	aacagtaaac	agattaggca	gagtaggagg	agatgaaaca	180
gtaaagtcag	aggccagctc	aggaaagatt	ttaaaggcca	gtcaaaccatg	gcacaggggag	240
ccgtaaatga	actggtaaat	taagatcacg	ggctctggac	catacagcct	gagttcagat	300
ctctgttgcc	ccacttecta	tttgtgaggc	ctgggactac			340

<210> 582

<211> 315

<212> DNA

<213> Homo sapiens

<400> 582

gatgctaagg	tcaatgggag	caacttaggt	taaagggtat	ctggagtgcg	atgagcagct	60
agcaatttta	aatagggtgc	tcaaggaagg	cctaatttaa	ttttcatgaa	cagcacttac	120
agagttaag	agatgacaag	aggtaatatc	tgacttttat	gagaaactct	aaaaggataa	180
atgcataggt	aaaggctcaa	acctaatttt	aataagtaag	acttaaagaa	ctaaatatgc	240
tgctatcaga	tgcttttccc	ctaaccatt	tattttaaat	tctatgcata	tttatagaaa	300
tattaataat	gtcac					315

<210> 583

<211> 336

<212> DNA

<213> Homo sapiens

<400> 583

cgtacaagac	tcaggatggg	cctacttcca	gctaccattc	agtataggag	aggaagaga	60
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agtgtgagaa agcccaagga tggatctgag ggaggataac agaaaactag gttcctaact 120
caagatgaga ttaagttctc ttttctagta tttattttga agaagtcagg gaatcaagaa 180
aatctctgaa cacttatata actgctgata agactgtaca ttagttcagc ccctgtgaaa 240
agcagtttgg aggtttctca aagaaacaaa aatataacta atattcaacc ccagaatccc 300
attactgggt atatacccaa aagaaaataa aatggg 336

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<210> 584
<211> 341
<212> DNA
<213> Homo sapiens

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<400> 584
agagccaacc tgtaactgct gatttagtta ctctatttag tcatttctag gtggagacct 60
atatttttag cccagagac tttcttcctt ctaaggtggg acaggaaaac cacgtgaaag 120
gagacatgct atcagaggcc cagagaatct ggagatggca gaaacttgga cacatagaaa 180
aacagggcgt ttggggccgg gtgcggcggc tcatgcctgt aatcccagca ctttgggagg 240
ctgaggcggg cagatcacga ggtcaggaga tcaagacctt actggctaac acagtaaaac 300
cctgtctcta ctaaaaacac aaaaaattag ccaggcgtgg t 341

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<210> 585
<211> 331
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

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<400> 585
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tttcttggtt taagtggtag attgatatat gttttctatc atactaataa acaacttgta 120
aatatcaaat gcttcataat ttagaaatgt aaaacatgat aatcaaattc aaaagtaatc 180
taacacattt aaaaactaaa catatttagg ccagggtgcag tggcccaagc ctgtaatccc 240
agcccttttg gagaccaagg cagggtggatc acctgaggtc aggagttcga gaccagtctg 300
accaacatgg agaaaccctg tctctactaa n 331

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<210> 586
<211> 337
<212> DNA
<213> Homo sapiens

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<400> 586
gagtctttcc aaacacatcc agtgggtctt cttttattta ctcagctttt tgtttgtttt 60
tcttttacag gaactataac atttactatt ggcaaaactc aacaccatcc tcagtaattt 120
gggatgtctg tcaataccat cgttctgatt tctgaaaatt ttcgctgaat gtgacatttt 180
tcctctcaaa ctaaccctc cacagacaca cccacacaca caccacacac acatgcatgc 240
gtgcacacac agacacacac gcacatacac accacataca cgcacacaag gcacatacac 300
acacgcacac acacatgcac acacgtgcac acatacg 337

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<210> 587
<211> 322
<212> DNA
<213> Homo sapiens

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<400> 587
gcatgcccct agggaggtgg gtgtgatcag ttttttaaca atttttaag cttaaggatt 60

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cattaggaaa	tttgaggctt	gttataattg	gacagtaaca	tcaaaaaatc	atctacaggg	120
agtagctttt	ttcttttttt	tttcggagat	gaagtctaac	tctgttgcca	ggctggagtg	180
cactgggtgca	atctcggatc	actgcaacct	acgcctcccg	gggtcatgcc	attctcctgc	240
ctcagcctcc	tgagtagggg	ggactacagg	tgccctaccac	cacgcccagc	tatttttttt	300
tgggactttt	agtaaagaca	gg				322

<210> 588
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 588						
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gatggggaaa	ctgaggccca	gggtttatag	aatcaaaagg	ctggcacatg	gaattggtga	120
ggatcctgca	ggtcctcagc	aggatgcgag	gagtgccctc	ccaggacag	gaagagccaa	180
gagcagcagg	agtacagcag	tgtgagaaaag	aaaatgccgt	cagaccatgt	gaggtggctc	240
acgcctgtaa	tcccagcact	ttgggaggcc	aagacagaag	gattacttga	ggtcaggagt	300
ttgagaccag	cctggccaac	atggg				325

<210> 589
 <211> 221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 589						
atgctagatg	actccatcag	ccaatatgtt	agcattatct	agaggcctta	tgtgaagtcc	60
tagtgggtcct	ttccagttct	atgacttttaa	acatacaggt	gaatcaaagc	ttcaggaagg	120
cctagaccaa	cagctattac	tgaagctccc	atttgtgctt	aggactatgc	atagagaaac	180
tctccttttg	gacttgggtta	gggtccaaag	ccctaaggtc	n		221

<210> 590
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 590						
tagcaggagg	tagaagaaaa	agttattgaa	gctgaaatag	tgatccttag	ccttagggac	60
agtgtgtgtc	agaggttaga	gcacccagca	tggctgggtg	ccagagcttt	gcacagtcct	120
gagatgtatg	tgatgtatct	ttagctcagg	gaagagagag	gacttgattt	ttgaggaagg	180
cttgggaagg	agggatagaa	gagctggata	gttttgctgc	tccccagcca	gaaatttata	240
gtttgatttc	attattgcct	tgaaatattg	ggatgtccca	gaacacacn		289

<210> 591
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 591
 cagtttggtc tttaaagttaa actaatgggg aaaaaaaaca ggacagggag gtatctcaag 60
 ttcatttgag ccatttttaa aattttggta gctggtttct gttttcttc tttttaaata 120
 agcaacaact taagattttg tgtgccacca gcttccattc catttcataa aagcttaatc 180
 tagcaagaat tggtagagccc tagtagaagt tagaaagaaa tgttgaagtg tgtatgtgtg 240
 tgtgtgtgcg tgcgtgtgtg nccccatcat actcaccttg gacacttttt aaaaaaacgc 300
 ccttggtcgg gcgcgggggc cccccctgt aatcccacca 340

<210> 592
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 592
 ccatggccag gcttgtgagc tcacatcaga aatgaaattc agaagtcatt cagaatctta 60
 ccaaattccag tttttactct tgatttaaaa atattttact tttttaaatt aattattgtg 120
 gctcgccag acttggcagt tagaattgaa tatcaggaaa ggttttaaga caaacctgac 180
 gaagaaagt gaagtagtca cagtatctag aaatacaaga gggcctcttt tctcaggctt 240
 atattttgag ataaatttcc tctccttagt acatgcaggg aacatttcat ttcataagtt 300
 tgctgattaa aaagg 315

<210> 593
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 593
 aggacactgg cttgccaaac aggagtctgg gcacttagca gccagtgtc tgtgcaaacc 60
 agccagtgtc ctgaattcag atgagagctt tgtgtttgcc ttattggaaa gcccttgatt 120
 cctgggcttc tagaggatg tatcactcaa aatctctgca gttcttttag ggtaagtga 180
 cgctttactt ctatcatctat tagaaaatta ttctctcagc aggggtgcggg ggctcactcc 240
 tgtaatcca gctcactcct gtactttggg aggccgaggc gggcagatca tgaggtcagg 300
 agttcgagac cagcctgac 319

<210> 594
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 594
 ctgttgccca gactagaggg cagtggcacc atctcggtc actgcaatct ctgcctccca 60
 gggtcaaatg attctcctgc ctacagctcc tgggtagctg ggattacann cgcngnnc 120
 gagcccaant aatanttgga ttgttttagta gagacggggt ttcaccatct tggccaggcg 180
 ggtcacaagc tctgaccgg gtggagaagg gcttttacga gtagaatgag ctttttggga 240
 ggtggctgcc tgcaattctt tttttgattg gattcaaata cgctgcttga gcttaagcac 300
 cttacgaact tttgaagatn tttaaagg 328

<210> 595
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 595
 cttaatcatt cttacagtat ttgagttgag aacattttata aagatttcaa gcattacagt 60
 ataaacaata tgagaagatt cttccaaatc ttttaacttg aatgcaatta ttagcatgcc 120
 cctagggagg tgggtgtgat cagttttttt aacaattttt aaagcttaag gattcattag 180
 gaaatttgag gcttggtata attggacagt aacatcaaaa aatcatctac agggagtagt 240
 tttttctttt ttttttctga gatgaagtct cactctgttg ccaggctgga gtgcagtggg 300
 gcaatctcgg ttcaactgcaa cctccgcctc ccgggttat 339

<210> 596
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 596
 gagcacctct gtgttcctag gtctgtgcag tgacttggga gtacagtgat gaatgggacc 60
 atatggtccc accctcatgg gcagtctcta attcctgcct tatgaactga agatctatct 120
 cttgtcctga ctttatatct ttcattggcta aaagatttgg gcctctgaa gagtgcattt 180
 gaactcaggc atgg 194

<210> 597
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 597
 gatgccttga gagtttcctg ttgcacaatc tgtttgtctg tagagaagtg gcatccagag 60
 ggcggtaggg gaggaaaaaa aaatgaagta atgggacaga gcagacacag gtaaagaggg 120
 ccttaggtcc tcaggaaagg ggaaagggag ggatattggc cttccctcca ggtcctcata 180
 tttgttgccc cttgttcttg aacggaccca gaggcttgcc ttcagagggg tctaatttac 240
 tctgtattct gtgtggtaaa agcaagaggc agcatgtcca gtggactgtg agactgagca 300
 ctctaaagcc agtaggggtca agtcactggg agccactg 339

<210> 598
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 598
 actgcaacct ctgcctcaca ggttcaagcg attctcctgc ctcagcctcc caagtagctg 60
 ggattacagg cgcgcgccac cgtgcccgcc taatcttttag tagagacggg agtttcacca 120
 cgttgcccag gctgggtcttg aactcctgac ctcagggtgat cctccctcct tggcctccca 180
 agttttttaa agatcatgct atgtggataa tgagctgggg atggaggga gaatggacct 240
 aggggtggaa ccaactggta gagtagagcc acttcaagtg catgggtttg ggctataaag 300
 gtagtgtgtg gagcaaaaaa taaaaactct tgc 333

<210> 599
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 599
 gtgctgcatg tttaaagtat tccctctgtt ttacttcatg atagttggcc cctttcaggt 60

tataacacgg	acatttttct	atggttttca	ttatttgcac	atgccaacag	agtagaatag	120
atttttaacg	agcatcactt	cattgcaagc	aaattttatta	atccagtggt	actgatgaaa	180
ctaaggagct	ctttggggtc	aggctcgatg	gctcacgcct	gtaattcttg	cactttggga	240
ggctgaggcg	ggtggatcac	aaggtcagga	gttcaagacc	agcctggcca	agatggtgaa	300
accctgtctt	tactaaaaat	acaaaaaat	tagccgggcc			340

<210> 600
 <211> 322
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 600						
ctgtgttgca	ggcataaacc	caagtggctt	ttaaagatca	gctgtgatta	atagtagtca	60
gttggaagtc	agagtcacat	gtttaaaatt	tagctcaaca	aatggtggct	tgcttggttag	120
ttcctgtggt	taacattatt	tttgggaagaa	aaagaaaaaa	aaggaaggta	gaggaaggga	180
gaatgttttg	attgttttct	aattttattga	tctctccctt	gcatcatcac	caagactggt	240
aactggttcc	cagaatgttg	tgggttgagc	ttctgtgctg	taatgtgggt	tgattttttt	300
agagggggaga	taagggtatc	tn				322

<210> 601
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 601						
tttccctgct	cacatgttac	ctttgacaca	ctctggatct	gaggaagtcc	ctaattatct	60
cttgcttttg	cagactgctt	acttgctgtg	tggctctaag	caagttactt	agcctttctg	120
ggccctgggt	tcctcgttta	tgaatgaag	atgatatgag	cacctaatc	atagggctac	180
tgtgaggata	tttaagttat	ttaacaatga	ctggcccatg	gtacttattc	caggaaacaa	240
atgagtataa	ttataagtat	tttcaggaca	attctctgtg	atgtaatcac	tcctatttta	300
cagagaagga	aacatatt					318

<210> 602
 <211> 326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(326)
 <223> n = A,T,C or G

<400> 602						
ggttcaagtg	attcttctgc	ttcagcctct	ccagtagctg	ggattacagg	cgcgaccac	60
catgccctgc	taatttttgt	attttttagta	gagtcggggg	tttaccatgt	tggccagggt	120
ggtctcaaac	tcctgacctc	aggtgatctg	cccaaagtgc	tgagattaca	ggcatgaacc	180
accggggctg	gtcaagaata	aggtcattta	ttgttgata	ggcaataagt	gtgaatcaag	240
gatactttta	aaaactcata	ggtgagcccg	ggcatggtgg	ctgggatcag	cctgcacaac	300
ccgtagttag	acaccatctc	tacaan				326

<210> 603
 <211> 342

<212> DNA
<213> Homo sapiens

<400> 603
aggattttaa acatttcctg cagagagctc atagctgggt ttatcttata gattaaaata 60
aaaaggagct accagaaggt ctgtgtgtcc aatacacttt gttaccatct atcaagtcta 120
ttttcttaag ttgtcagagc tgtttgatt cataataata gctttatcaa gaatcagctc 180
cttttctagc atcaaaagtt aagaatttag gccaggcgca gtggctcacg cccgtaatcc 240
tagcactttg ggagactgag gcgggcagat cacttgaggt caggagttca agaccagcct 300
ggccaacatg gtgaaacat gtctactaaa aatacaaaaa tg 342

<210> 604
<211> 317
<212> DNA
<213> Homo sapiens

<400> 604
ttgtattagg taatagaagt taggatttca gaacgtcatg ggagacctgg gggagactgc 60
ttgttttgaa gttgaaagca gtacattcaa atatgtaagt gacagcatag aaaaatgtat 120
atagggttaa cgtgcagagg tctgtattta ggttttctctg taagttttaa tctgttggtt 180
taaaacaaat attcggataa gaataacact ttaaaacat tcaagggctg ggcattgtga 240
ctcatgcctg taatcctagc actttgggag gccgaggcag aggaatcact tgagcccagg 300
agtttgaaac cagcctg 317

<210> 605
<211> 316
<212> DNA
<213> Homo sapiens

<400> 605
ccttatatat gctgtactga agacatacta tcacattaac gttgcgttta tgtctatgag 60
tgagaattgt atttctgtgc ctaagaactt tgggggagga atcattattc ctgctctgat 120
attgacgctc tctctttcaa cagaaatgga ccttttataa tattgaatgg atctcagaga 180
agataatgac ggaggctcta gatctctagg actgagagaa cacgcttagc acatggggta 240
agatgggatt gcatctctca aacatgacac ctcctgccta cactgactca accggccatc 300
aggctttgga aaactg 316

<210> 606
<211> 340
<212> DNA
<213> Homo sapiens

<400> 606
gaattgtcct agattatcta atccgctagg accagaagag gaatttctgg gttattgtgg 60
taaagtttca tgtgatgaac catccttgaa ttctctcaga ataaacacca catggtcata 120
acatgttaat tttattattt ttttgtgagt gtgagacgga gtttactct tgttgcccag 180
gctggagtgc aatgggtgcaa tctcagctca ctacagctc cacctcctgg gttcaaggga 240
ttctcctgcc tcagcctcct gagtagttga gactacaagt ctgtgccacc acacttgggt 300
aatttttgta ttattagcaa agacgggggt ttaccatatt 340

<210> 607
<211> 241
<212> DNA
<213> Homo sapiens

<400> 607
ccttagaact atctattaaa ttctatcaca ggagatcatt ggatcacaac agggcagtac 60

tttctgctga taagagtata gaaatattat agagatgtct agttaccaac acgataggaa	120
agggggcatt atcagccttt agtgatgagg accaaggatg taaaataccc ttctgtgcag	180
gacagtacct cagaaggaag aattctgctg taacctccag gtatctgata agtgaaaagc	240
t	241

<210> 608
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 608	
aataaataaa ttatgtatcg tcggagggtt ttactgggga gagagctgta ggtaattggt	60
gcaccacaca gatgctccct ccaggactga aggacttacc cctccagctg ctgggattat	120
agttggctga cactctccag cagctggcag ttccaggaa ctgcctgtgg ctgaagagaa	180
ccaccttact caaagttcta cctcctcctt aggggcagct gcatccaatg actggcctat	240
gtggaggtat aaatccatct tgccaatatt catacttatt tacataattt acaatattca	300
tacttaaaga atctgggccc	320

<210> 609
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 609	
accctttgat ttttttctat cccacaacaa tggagccagt tttttttttt tttttttaaa	60
tctgaaaggg ctctgggttt cacttaaaag gaaggcaact caaactgact taaacgatac	120
ttgacaaaaa aggggggttt tgtttttctg cattgggcgg atggetttct gcttttataa	180
ctggaagatc cagggatggg ggggaaatca agattgactt gccttaactg ctgag	235

<210> 610
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 610	
aggacggctc tgtctggaat ctttgaggcc gggaatacag gagccctaata gtgacttttg	60
actcggaatt acctggaaat cagtgatttg tgccccacgt tatgaagcta tcaatttcca	120
aagacagtta aaagacccct ggctcaaaat ggatagttaa catgaccaa aaactaaaac	180
tgacttttga gtactgtatt agacagtcatt taactaaacc taagatatta ttttcttttg	240
ccagtagtgc tttgttagct tgtgtgccat aggggtgagc tcagtgggtat tctgacaacc	300
tatgattcaa cccttcctat taaaaaccac agttctttgtg t	341

<210> 611
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 611	
ataaatatga acagtagaag ctacagaaaa atgctgttga gtttttcaaa actatggctt	60
tttttttttag gtaagtaaag ggaattagta ggggtttccc tggtctatct actaatagaa	120
atcgatactt gcgataacct cactaatctt cacatctttt atccaatttt atccattcat	180
actataaatg attattcatt accttccact ctgcaggagg atggcaaaac caaacacaca	240
tatattctct ctcttcctct ctctctcttc ctctctttct gacacacaca caaacacaca	300
cacacacata tcagatgtta aagaagttca catg	334

<210> 612
 <211> 332

<212> DNA
<213> Homo sapiens

<400> 612
ataaatatga acagtagaag ctacagaaaa atgctgttga gtttttcaaa actatggctt 60
tttttttttag gtaagtaaag tgaattagta ggggtttccc tgttctattt actaatagaa 120
atcgatactt gcgataacct cactaatctt cacatctttt atccaatttt atccattcat 180
actataaatg attattcatt accttccact ctgcagggag atggcaaaac caaacacaca 240
tatattctct ctcttctctt ctctctcttc ctctctttct gacacacaca caaacacaca 300
cacacacata tcagatgtta aagaagttca cg 332

<210> 613
<211> 331
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 613
ctcccagagt agcgtgagat tacagggtgtg agtcactaca cccagctaatt tttttttttt 60
taagggggaga tgggggntca ctatgttccc caggctggcc ttgaactcct ggcctcaggc 120
agccctcctg cctcaacctc ccaaagtcct ggaattacag gcgtgagccc ccatgcccgg 180
ggcattcata tattatacac aacaaccgcg aggtccatt catgcacgaa cccccattgt 240
cttcggccct ttccagccct gcgctcgcat cattccctct atctcgggaa cccgcgcccc 300
tccccctttt caagatggtc caccctcgc c 331

<210> 614
<211> 326
<212> DNA
<213> Homo sapiens

<400> 614
taatttctgt gcccctttac tcaaagatag gacaagacaa agaaaatgaa aacagacaca 60
aactccaagg tccatgaaac cagaaactaa tcctgaacca tgctaacaaa atagaaagct 120
tatcaagtga ttataaacca ctctgcata aagcagcata taagtccaaa tgctgcaga 180
gagtactgtg ggactcagaa cagcacaggg actagagcac gcttgttcaa cctgaggcct 240
gtggggcaca tgtggcccac gacagctttc aatgtggtcc aacacacatt cataaaacttt 300
cttaaaacat tacaagggtg ggcgca 326

<210> 615
<211> 304
<212> DNA
<213> Homo sapiens

<400> 615
agggtagaac ctatatgttg ctattgtatt gctatatttc tacttaaata actcttactg 60
tagtatgtat tgctcaagga cagagattgc gctgctcctc tttgtgatat cccacttagc 120
atagtttcta agcaaatagt atacttcttt catatatgct tatcaagtaa atgaatttga 180
ctctacctcc tattgaacta ttcagaaatt catgtttacg attttagcaa tgagaacacc 240
aagacttatc tatagagtat cagagataat acaactaggg agtagatcta aaataagaca 300
tctg 304

<210> 616
<211> 321

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(321)
 <223> n = A,T,C or G

<400> 616
 gaggtttcat ttgtggtgac attctctccc aggccacaaa acatttcctg ctcggaacct 60
 tgcttactaa ttgtaagaac ttaccagta agaacttgct ttaaaaactt agcattcaaa 120
 aaaaaagctc tctttaaaag ttatttgatt ttcttggttt ttttcttacc atgctatatt 180
 ttgagtttca cctaaaaaac taaggttatc ttatctaatt gctttaaatt tatacattta 240
 gtcacattca acaatttggt gctaatacatt ttgccagatg ccaggctttt ccaagaagtg 300
 taggatccca tccttgaatc n 321

<210> 617
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 617
 cagatccaca cttcggatga aaatggctga aaaggaggca gagatggcag aagactaaag 60
 gaaagcgccg agctgtgact tgacgcccac tccaagggca gtgtggctct tgtgagacca 120
 aaagaagagt aggaatgaac gcgggggtcc tgtgagcagc gggaggcttt gctgagcttg 180
 gtgctcttag aagaccagcc acttttgtcc ctgcagcccg gggccacaga gccagacac 239

<210> 618
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 618
 gatacttatt ttgctatcca cacttgatgc aattgaattc aagggtgcaa gtcttgtact 60
 gaagcagtct ccttgttgct tggagaacac ctccctcaga gccctttggt aaataagagg 120
 ggcgacgttg atcatagatg ccacctggtt agcaccgaat ctgactttgg tgacagtcct 180
 aaagcacagc tggtgattgt gagatctggt agcggcaggc tgagcagata ctacttggtt 240
 ttgcttggtg tgagatacta ctgtttgctt agtatgagat tttttccagc ctgtctctta 300
 aactcctgtg acatctt 317

<210> 619
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 619
 cggacctatc cgtattgctg accccaaagc tcttcccggg gcctttcttt ctctttgaca 60
 aagcatagct aaggtagctg ggaaaggctg caagagagag aagagagaga agcgatccag 120
 aagagagagc tcccaccctc gctgctgact ggccctgcgac cttcaggcct gcctottaca 180
 ttctctcgcc cttcccaaat tattactaac acatgagtct gacatacagc gagctccaca 240
 gaggaaagac ctgtattctc tggactatac agaatagatc acggacagag tgataggagg 300
 ctgagtccac actctgga 318

<210> 620
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 620
 tcccacccga cccaagcacc tgtactttgt cactctccca tttctggcta gaccaggact 60
 ccctttgaca tctctaacct tgcagaggtg tgactctgcc agagcactct tagatgtcgt 120
 acaggtgcat ttgaagcctt gtattttctc ttaaaagata actggcggtt aatggagcgt 180
 gctgactcta ttgctaaaga gaaagaatag gctgggcgcg gtggctcacg cctgggagcc 240
 actttgggag gccgaggcag ggggaatacc tgagggcagg aagttgagac cagcctggcc 300
 cacatgacca aaccccc 317

<210> 621
 <211> 315
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 621
 gtagatcatt ttatttcctc ttaatgttta tactgattac tgttacatta gctggatttt 60
 tcaaaacaat gttgaagagt gatgacagac gtgactgtct tgttcttaat tttcatggaa 120
 gtaagaatgc aaaatattaa tagggaatag tattccctat tagtatgaca tttacttttg 180
 gttattagta ggtagtcatt aacatgttta agagtttccg ctattcctgt tttatagtgt 240
 tattgctaga agtggttcct gaattttata aaatgccttt tcagcatcta ttgatanaat 300
 tgtatgattt ttttn 315

<210> 622
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 622
 aaagtgttca gtcctagatg tttaaactcct tagctacttt tgtaccaggg atcaaactga 60
 ttgaaagtaa atggtttatg tgggtcaaaa atgaggaacc aggctttgcc attaagcttg 120
 attcttctaa ctctagctga gtcccacctg gctttttcct ggcttctgta atcatgaact 180
 atttccaata gccagtggat ataaggagt atagtagaac caatggatgg tttatagttg 240
 agaccctctg cattgtatgt tacctatttc aagatttaag agtcattgct gggcacggtg 300
 gctcacacct ctaatcctag cactttggga ggccaagggtg gg 342

<210> 623
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 623
 tatatatgat aggaacgtga gcttgaggag tcgcaattgc tggaatttgc ttggggaatt 60
 tgccctgccc aaatgaagct cctcttttcc cttaacctag cttctcaaga ttctctccct 120
 tagttgaaga tattactcgt tacctaataca tccaagaaag acctcagaga attactcttg 180
 actcgtcct ccttcttact ccctattata aatcccacat agtttgccct gtgtaaatat 240
 ttttcaaatt acccaccctt cattcccttt cctgcttcca cagctgtgat ggaatccctc 300
 aactttcttt tcaatatttc ctgtagattt agacaaaaa 339

<210> 624
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 624
 cgctgggagc ccctcgccat catgctctgg ccagcaaagc ccctgcggca gcggcagcag 60
 ctgtggctgc catcatcctg gacaccatgt tgcccttgaga ggcaattgtt ccttccccc 120
 ttccatgggc actttcccag ttatgacaca ggatgatctg gtcccagtgc tgtaatgggg 180
 agtggggatc acaggtgggg caatggagga gctctgaaag tggctttgga tatctcacta 240
 cccaaaagga aaggcattag ccaccatggc cccaacaaaa ctaaaataaa aaggaaaggg 300
 ggtcaggcac ggtggctcac gcctgtaatc ccagan 336

<210> 625
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 625
 ggttttctcaa actggcttga ggtaacaat tacctgagcc atgtattaaa aaatggagac 60
 tccagagtta ctgaagcagc atctacaggg tggggcccag gaatctatat tcttagcaga 120
 tgtgagcctt accatctggc cctttggaaa atgatgcaag aagaaacttc tctgggagaa 180
 tttcaatctg gaggcagcag gggaggggag tgatcttgca gagcctgtgg catcatctgg 240
 tgcccatgac aagacaagag tggctctggg ttcttcttag gcttccccn atccccctct 300
 cttagaacta tagccattcg tcacatgagg tcg 333

<210> 626
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 626
 ttaatatagc gaagtagctg tcttcctaca ccttagtcaa tagctaata aacttcttaa 60
 tcatgttaat cgggtatatt taaaatgctt tcagtatagt ttcaatttgc ttaactctta 120
 cattgactgc aactgaggat catttcatac atttaggagc cacttgtctt tcctttgaac 180
 tgtctctgaa tgtgccact tgtctactga gttgttggtc ttttctatca gcaagcgatc 240
 ttgcttttta aaggaaatta gccctttgaa catgctgcat ggcaactatt tcttcccagc 300
 ttatcactgg agtcccaatt ttgtttatac tagttt 336

<210> 627
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 627
 caagatgctt cagaactttc tgtatccagt gacagcccag ctgataagta tatcaaaaag 60
 gatattactg taagctagtc atatttgaaa atagctgata tgtagctct tttttattga 120
 gagcagatat acaaagtatt tcatgatgct ataggatatt aacaattatt tctctcaaaa 180
 ctcttctgag ggaagactcg gctattattg aatgagttct gttgaattct ctctgttccc 240
 tcaattcttc tacctccact gcataaatat atattgcata ctggccaagt gcaatgactc 300
 acacctgtaa tcccagtact gggaggccga gatgggg 337

<210> 628
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 628
 ggcctctact ggaaccacc ttctgcagga cagtcaccag gccagatcca gaaggcttga 60
 ggccctgtgg tccccatcct tgggagaagt cagctccagc accatgaagg gcatcctcgt 120
 tgctggatc actgcagtgc ttgttcagc tgtagaatct ctgagctgcg ttagtgtaa 180
 ttcatgggaa aaatcccgtg tcaacagcat tgctctgaa tgcctctcac atgccaacac 240
 cagctgtatc agctcctcag ccagctcctc tctagagaca ccagtcagat tataccagaa 300
 tatgttctgc tcagcgaaa actgcagtga gga 333

<210> 629
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 629
 gggagcccaa agacagtgc agggcatggt agaagggact tgctggactg ttcaccttc 60
 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggt 180
 ctaaagtgtc agttcttttt ttttttttta ataaaacttt aagttctagg gaacatgggc 240
 ccaacgggca tggtggggac atatgaatac atggcccatg ttgctgggct gccccatta 300
 actgggcatt ctaagcaaac tatcgag 328

<210> 630
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 630
 tgcttcctcg gggctgggag aatgacccta attctgaggt ctctgggagg ctgtgttctg 60
 cctggaaaaa gcatctctgg ccacagaatc gatgttcac ttggagacct tctaggctta 120
 agctgccttt tgtctaaaga cattcaatat tggatgatt tcttgagctg tgtaacattc 180
 acatggctca aaaatcgtgc aaatgtgccg ggtaaagagt gcaaagcagc caggcacagt 240
 ggctcacgcc tgtaatccca acattttggg aggccaagga ggggtgatca cttgaagtca 300
 agacttttag aacacgctgg ccaacatggt g 331

<210> 631
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 631
 gaagcctcta ctgggaacca ctttctgtag gacagtcacc aggccagatc cagaaggctt 60
 gagccctgt ggtccccatc cttgggagaa gtcagctcca gcaccatgaa gggcatcctc 120
 gttgctggta tcaactgcagt gctcgttgca actgtaaaat ctctcaccta ggggctgagc 180
 aactcaactga aaaaatcctg tgtcaacagt attggctctg aatgttcctc acatgccaac 240
 accagctgta ttatctctc atgcctggtc cctcttataa acaccacata atttataacc 300
 agattctgtt ctgatcaccg gtgaaccg 328

<210> 632
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 632
 gggtccacccc aagtctggct tctctcagga gggactcatg aacacgtgcc ctgagcaccc 60
 ccaaaatgac atcacacaag ggcagaaaag agctgaaggg ggaacgtgaa aggcagaaaag 120
 ggagccgtgg ttgccaggca accagcccta gcccaccttt gtttgtttgg tgacagcaac 180
 taaagtctgg tcaggggcgc ttggccacgc tcatgccttt tcctctcaac agttgcttct 240
 ttgagtcagg gtgcagctct ggtcacctgg cggcctcttc agctcagccc tccacaaaag 300
 gtgagcctga aggaccaccc tgaattgcc 329

<210> 633
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 633
 agatctatta tatcttaatc tctttccaaa agctattcaa atgaagagct ccctattggg 60
 atcaataata gattattcat ttttagttttg aaaatataca tctgcttctt agaatacaaa 120
 ataatgtact ctgttttgtg ttggctatat ttaatatctc ttagattaaa actgttcata 180
 aaaaagtaat ggcacg 196

<210> 634
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 634
 gggagcccaa agacagtgc agggcatggg agaagggact tgctggactg ttcacctttc 60
 caggccaccc cttgaaagga agcagatgtg ggcaaaaaag agcaactcca tttttcacac 120
 agtcagagcc agcccaactg cagatggcct gtacatcgca gcaccaagca catccctggg 180
 ctaaagtgtc agttctttttt ttttttttta ataaaacttt aagttctagg gaacatgggc 240
 acaacgggca tggtggggac atatgtatac atggggccatg ttgctgggct gcccccataa 300
 actgggcatt ctcagcaaac tatcgagggg a 331

<210> 635
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 635
 tattcaacca tctaaaactc tgccttcata ataatgatgg atttgctgtc atcataactc 60
 attcgtaggt aatcttgcaa gagctgaact ttggaactac tgccatttgg aagggttcca 120
 ttcactctaa gggaaacctg agaactctgag ttcatttact ttttattccc ccttttagca 180
 gtaatttgtt catttacctt taatgttgaa aggaagcagg ttgaggccag ccatgatggc 240
 tcacacctgt aatcccaaca ctttgggagg ccgagaccgg cagatcactt gaggccagga 300
 gttcaagacc agcctggc 318

<210> 636
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 636
 ataacaggcc cagactgcct gctgccagca cccaggcatg ctatctgagg ggcctagaaa 60
 tcacttcacc ctgcccacca cagcccatgc ctgagcgcac tatcaggggc ctgaggacaa 120
 gccacccca catgtactac tcaaaccccc acctgcacaa gcatgttgtc cagaggggatg 180
 gggattgtca catcctgcat accaccacta catagacaca cacacacaca cacatgcact 240
 cacacattcc agggggcctga ggatggggcct gccagcatg ttgccaccac caccaccage 300

acccacctgc accat

315

<210> 637

<211> 314

<212> DNA

<213> Homo sapiens

<400> 637

gaaaactatg	gcaggaacac	agtctcacag	ccaagagaga	tccccaccct	tgagaagaca	60
ccttctctgcc	tgctgttaca	gccccctcgc	agaggctgca	ggatatcaagg	gctgatccca	120
tgctcccaga	gcgctaccaa	ggaaggggtct	tcagaaaaaa	atgctcatga	ggcaaggggg	180
ctgcaacccg	tgccacagaa	agccagatct	ttctttgcac	cagttgtaca	gtttctgcaa	240
aactgaagac	tgacattgaa	aacgactgct	ggtcagctat	tccttgatca	ctcctagaga	300
gtgtatgtta	ctaa					314

<210> 638

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(342)

<223> n = A,T,C or G

<400> 638

gacacagggt	ggagcagaga	aagaggaaac	atagagggtgc	caaaggaaca	aagacataat	60
gatgtcatcc	aagccaacaa	gccatgctga	agtaaatgaa	accataccca	acccttacc	120
accaagcagc	tttatggctc	ctggatttca	acagcctctg	ggttcaatca	acttagaaaa	180
ccaagctcag	ggtgctcagc	gtgctcagcc	ctatggcatc	acatctccgg	gaatctttgc	240
tagcagtcaa	ccgggtcaag	gaaatatata	aatgataaat	ccaagtgtgg	gaacagcagt	300
aatgaacttt	aaagaagaag	canaggcact	aggggtgatc	cn		342

<210> 639

<211> 339

<212> DNA

<213> Homo sapiens

<400> 639

aaagaatgta	ctggcctcaa	tttctgataa	ggtatggatg	aaccttcctc	atgccagaca	60
agaaagcagg	atagatttagc	acactatggt	aaaatgtatt	tcttcaaatt	aataaaccta	120
catgagataa	ttcacattag	ccaataaggc	agaatacagt	aaaattatat	aacaataatt	180
atttttctaa	gaagtgagga	aacagatgaa	taaaaagtga	atccctccca	ggaaaggtaa	240
acagcaactg	tggcccaatg	tctctgcatc	tctggaaata	aggagctgaa	gaggctggaa	300
aggtatatg	acagaaagct	gatataagag	aagagatgg			339

<210> 640

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(304)

<223> n = A,T,C or G

<400> 640

tatactatct	ttaactgggt	tttcacgatg	gggcactagg	aatctcgaca	ttaatcttgc	60
acagaggact	tctacagagt	ctgagaagat	atcatcatgc	tgaatctgat	catactgctt	120
tttaaaagtt	taaggataag	acatgtgtat	atgtaacaaa	acacattgca	tctagaaatc	180
aaaacttgaa	agtattttcca	gggatttaga	ttagaaggaa	tattagagga	aacttgaaat	240
ctgagtttaa	aaagatttta	cctttttgat	tgctgcagaa	atgtcctatg	cactctttgc	300
aagn						304

<210> 641

<211> 324

<212> DNA

<213> Homo sapiens

<400> 641

aaagggctgg	gagtggggca	aagatgatag	tgacaatgtc	cgattggcca	ggtaagccag	60
gcctagtctt	ttcatctatt	ttgtgctggg	atttcttcca	catgtggcat	ccatctccca	120
gggatttttc	ctcagctcag	gcaagacagt	cacaagctaa	gatgagtttt	gggaagatgg	180
ggaggtagag	gagaggttgg	gcaccaggac	tctttcatgg	tgacagctgct	ttttctccct	240
gtgaaagaga	tgggaatcct	agcatctcaa	cttggttctt	tcttacaata	ggaaaagtgt	300
tcatacactg	attcatctct	aaag				324

<210> 642

<211> 315

<212> DNA

<213> Homo sapiens

<400> 642

cttccatgca	ggaatcttct	ctttcagtga	ttctgttgta	tttccagctt	tcttgagcca	60
ttgaggccca	ccatagggtt	ttgcacatag	taagggtcca	gaaaatacga	gttctcttcc	120
tctttcactt	tatcaccatt	aggccttcca	gccagacttc	atatctttcc	tttcttctcc	180
atcttggttt	acgccatctc	tctcactaag	agttctttgc	tgacctggg	gccaaattag	240
caagatgtga	ccaacagcac	tgcaatagac	atcagaagac	ccaaacccta	ggccacctct	300
aggctagccg	tggaa					315

<210> 643

<211> 338

<212> DNA

<213> Homo sapiens

<400> 643

gagggttttc	aggcagagga	acagttggcc	aaggaagtca	gcttctcaga	gctcaagagg	60
ttctgtttta	actgtgaatg	gtaaaactga	gaactatatc	ctggatacta	cacctggctc	120
ccaagcatct	ctgatatgtg	ctgttcaaaa	ccacaccaga	gaggaagaac	tgctctggta	180
ccgagaggag	gggagagtgg	atttgaaatc	tggaaacaaa	atcaattcca	gctctgtctg	240
tgtctcttcc	atcagtgaaa	atgacaacgg	aatcagcttt	acctgcaggc	tggggagggg	300
tcagtccgtg	tccgtttcgg	aggtgctgaa	tgttactt			338

<210> 644

<211> 337

<212> DNA

<213> Homo sapiens

<400> 644

tatctcatag	agtactggga	ttctgaaagt	gaaaggttta	taccagtaaa	aagtatggga	60
gtgctggacc	aagctaacat	gtacaagaag	aaatatggta	tatatattatg	gaaatagata	120
atgaaaatgc	tgaattgaag	agcaaagtgt	ggacaatgga	gaatttttca	gtttatcaat	180
attggtgcac	tcttccatga	aggagtattt	aactctgtga	taagtaccct	ggaagaatga	240
agttatatta	cgactatggt	ggagcttggg	cactagaagc	atgctgaaag	tgttttccac	300

tttaagtgaa gtagaaatgc taagaggtgg cggggcg

337

<210> 645

<211> 335

<212> DNA

<213> Homo sapiens

<400> 645

gagtacaccg	tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	ttccgtggga	60
cttgtggccc	tcttggcgtc	caggaacctt	cttcgccctc	cactgcactg	ggtcctgctg	120
gcactagctc	tggtgaacct	gctcttgctc	gttgcctgct	ccctgggcct	ccttcttgct	180
gtgtcactca	ctgtggccaa	cggtgggccg	cgccttattg	ctgactgcca	cccaggactg	240
ctggatcctc	tggtaccact	ggatgagggg	cggggacata	ctgactgcc	ctttgacccc	300
acaagaatct	atgatacagc	cttggctctc	tggag			335

<210> 646

<211> 337

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 646

gacacgcgtt	cctcaccatg	gctttgatag	aggacactgc	atctgagata	atgttgccag	60
tgattggatc	cagttcctga	ctgggcttct	gactgggttt	tggctggttg	tttcgatttg	120
atgggcttca	tgtaaacttt	tgacacactt	ctatgaccct	gatcaagcca	tttcaccttc	180
attctctgca	tttttaccat	tagggagaca	aggtatagaa	tatttacttt	gttctacagg	240
agcgttaggg	aaattataca	accccattct	tctccagtca	ctaaggaata	taagttcatc	300
tgtcaaagga	aaaatatcaa	cctaaatatt	gctattn			337

<210> 647

<211> 326

<212> DNA

<213> Homo sapiens

<400> 647

ggcaagctgg	ggggactttg	ttagccatga	aacctccagg	ggtgggtgtt	gagcttgggt	60
ttgtttcgtc	gtcctccctt	ctgctctcag	gggaggggtg	gggcctgtca	aggctgttgt	120
catgtggcag	agagaaggcc	ccttaggcgc	gttagggggc	agaagtggc	gctgggtgtt	180
gtgcacggct	gtgagtaagc	gcgtaataaa	taaatcagaa	cgagatggac	ggagaccatg	240
cgctgtgctt	tcatcctgct	cagcccccag	ctgaggaggt	ttctgacccc	catacccgct	300
ctgcagcctt	cgagcaaattg	tggggg				326

<210> 648

<211> 321

<212> DNA

<213> Homo sapiens

<400> 648

tcctgtcaga	ttagattctc	gtaggagcac	aaaccctatt	gtgaattgtg	catgcaaggc	60
atctaggttg	catattcctt	atgagaatcc	agcaaatacc	tgatgatccg	aggtagaatg	120
gtttcatccc	caaaccactc	cacccccagc	ctgtgaaaaa	actgtgttcc	attaaaacca	180
gtccagtcct	tggttccaaa	atgattgggg	gctgcttctc	tagccacacag	ggagtaataa	240
tccttcagta	aggtatagtc	cagtgcacca	acaaggtgag	cttctgggac	aaaggaaacc	300

aagatatgca ctttgcagag g

321

<210> 649

<211> 324

<212> DNA

<213> Homo sapiens

<400> 649

cttgtgcaca	cagccaagat	ttcttcaatg	ggtgtgagct	agttgaggg	taaccttgta	60
ggttgcagag	tgtatttggt	tgtttggttg	tttttctctg	tgatgcggct	agtgtctctga	120
ttttgtagga	ggtttttcac	tgaagctcat	agttataaac	aaggacatca	ctgctaacaat	180
tggtaatatt	tcctgtgttc	agctattatc	gtatcaagag	cattttattt	cagccagttt	240
atgtcactac	cttatccata	gtttctgtct	tatattttta	tggaatgtc	tttttctctt	300
attgggggca	ctacactttc	tttg				324

<210> 650

<211> 324

<212> DNA

<213> Homo sapiens

<400> 650

tagtattctt	gtcttagtta	gcaatggaaa	aagaaaagaa	gcaacttggg	aggaagaaag	60
gaaggaagga	aggaaggaag	gacagggcag	gccagggagt	ccaaaatata	cagatgatgg	120
tgtaagcagg	tacttaagtt	aggagaggtg	aaggaacaat	tgaatatagc	tcaaggtagt	180
gacactaaaa	gagagaattc	taataaacat	ttccaaatag	aaaatatagt	taaacattgc	240
gaaaactctg	cacactctga	aaaaaaagaa	gattcttata	gaatctctac	ctaagagaaa	300
cacacacaca	cacacacacg	caca				324

<210> 651

<211> 334

<212> DNA

<213> Homo sapiens

<400> 651

ggccgaggcg	ggtggatcct	tgaggtcagg	agttccagac	cagcctgtac	tctaccctgg	60
gccacagagc	aagactatct	caaaaaaaaa	aaaaaaaggg	gccccgaaac	cttttttttt	120
ttaaaaagga	actttttttt	tgcccccagg	ttgaaaaaaa	gggggcagac	cccccccaa	180
gagaatttcc	cccgggggaa	aaaggggatt	cttttttctc	ccccccgggg	gagtgggaaa	240
ttagggggcc	tgccccacc	ccgaaaaaat	ttttttaatt	tttaaacacc	ggaggggtgt	300
tccaaatggg	ggccgggggg	tgttgaacct	cctg			334

<210> 652

<211> 338

<212> DNA

<213> Homo sapiens

<400> 652

agcgctggg	gtacaggctg	ggccccggcct	ctgtgggcac	tgacaagagg	ccctctggg	60
gcaggcaaa	ggcatgggtg	tgggtggggc	tcccctgtga	ggacattgag	cacagctgtg	120
gcatgcgcat	tcagcaggaa	atgggtcagg	gcatgagctg	atctgtctat	tgcttctgag	180
ctcacagtgc	cctgaggagt	acgggtgctca	aacctcatga	gcaaggtagg	gcctgtcaag	240
agagccatgt	gtgctcagca	gacccaggct	gcagggcgag	aacagggtct	cctcagcctg	300
tgatagggg	cagtcagggt	caggcaagaa	tctggggc			338

<210> 653

<211> 333

<212> DNA

<213> Homo sapiens

<400> 653

gctgcctgct	gcagcctggt	ttcttgcttg	gactctagta	tatatttgct	aaatctccca	60
agcctcagtc	tcactatttg	caaaagttag	ttttaatgct	ctttgccctg	cttgccctcac	120
aggatcttaa	catagacgta	agatcaaagt	caatagcatg	tcaaacaatg	tgtaactcca	180
gttatacaaa	cattactgta	tctcattggg	gatacgaagc	tctacacact	tgaagatggg	240
gaaggaataa	aaatctatgt	ctcacagtcc	agacttggag	tacaagtaat	aagaagaata	300
aaacttaatc	ccttaagtag	attcaccata	agt			333

<210> 654

<211> 212

<212> DNA

<213> Homo sapiens

<400> 654

gctgcctgct	gcagcctggt	ttcttgcttg	gactctagta	tatatttgct	aaatctccca	60
agcctcagtc	tcactatttg	caaaagttag	ttttaatgct	ctttgccctg	cttgccctcac	120
aggatcttaa	catagacgta	agatcaaagt	caatagcatg	tcaaacaatg	tgtaactcca	180
gttatacaaa	cattactgta	tctcattggg	ga			212

<210> 655

<211> 332

<212> DNA

<213> Homo sapiens

<400> 655

gcatcatcac	gcagatgggt	tgctgtagggt	aaactagcca	gtctcctgtg	ccccagcct	60
cccttttttg	gctgttttcc	ccatttccat	ggaacccttt	cctctgcggg	cggggcctag	120
gagccatctg	tctacaaacc	tagtggtgaa	gaagaactgc	atgatgccct	ggttcatcag	180
cctagagagg	tgggcagcac	cctgcaattc	cgcgcctaga	ttcatcactg	cttttgtaag	240
ctgctttttg	ctgtgcttct	cagccttggt	gaagtcattc	gcattcacag	tggtctgcct	300
tgcgccccca	cccctggaaa	aagtccttgt	gg			332

<210> 656

<211> 362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(362)

<223> n = A,T,C or G

<400> 656

tatcggtgct	tagaagacga	anaagggagc	agggcttggt	gggaggggac	ctgggagtca	60
agatgaaagc	tcccacgcgc	cgggtgatag	tttactggat	tgtaaccac	agaataaaaa	120
gccacgagcc	cacagtgaag	cacacgaaca	attcgctgag	tgaagagtcg	gtgtacacgg	180
agctgccctt	tctccttcc	ggccctgggt	ggagaatttt	tatcacaagt	gggtgatggg	240
ttttgtccag	tgcttttcca	tgccgcggg	gatggaataa	acgtgacgtt	tgtctggggg	300
cctgtcagtg	tacagcacgt	cacggatcat	ctgcatgtgt	gcccaggacc	ggggcagtca	360
cg						362

<210> 657

<211> 350

<212> DNA

<213> Homo sapiens

<400> 657
acgacagagg gggcctcctg agtacctggg attacaggca cccgccacca cgcctgggctg 60
acttttgtct ttttagtaga gacgggggttt cactatattg gccaggctag tcttgaactc 120
ctgacctcaa gtgatccact tgccttggcc tcccaaagtg ctaggattac aggcattgagc 180
caccacacct agccaggatt cccaatcttt atttgccttg aggctgatgg aaaattgctg 240
gagttctacc tgggattctt aatataaact aacatatata catatacaaa tatatatgtg 300
tgtacatata actgtaaaaa atagtgcggg ccaagcacag tggctcatgt 350

<210> 658
<211> 323
<212> DNA
<213> Homo sapiens

<400> 658
ggtgcacgtg caccatgggt gccattgcca ccggcatgaa tgcacccact cccctgccac 60
tgtgccacct tgccaccatt gccagcgcac agactcacac cagtggccct gcccccatcc 120
catgccacaa ccaccactgg tctggatgtg ggcacaaagg ttggcagccc cacaccggcc 180
agcaccatt cccccacact gaaactgcc a tgggtgcaaa tgggcacatg gacccagtt 240
gccacgtccc cccactgcta gctgccactg ctgctgttgc caatgactgc aaggaagctg 300
gtaatcccag acttatcagt atc 323

<210> 659
<211> 311
<212> DNA
<213> Homo sapiens

<400> 659
tgctctgtca gcctgattct actcctcggg gagggcctcc cttttcttcc aagttctatc 60
acggtcctct tgttccccct gactgtcttc tgtgcctcct cctctgggct gtagtcacct 120
ggataaaaaac ccactctcct cactaggctg ttagctcctg gaaggtaggg acaagagtgg 180
gttggatcat ctctgtgtcc ccagggcctc aggtagggcc agcacacagg agggctttac 240
actgaggatg aaaccctcaa gaggaggcgc ggtgcggggg ctacgcctg taatcccagc 300
actctgggag g 311

<210> 660
<211> 340
<212> DNA
<213> Homo sapiens

<400> 660
ataagtgaga agaagagacc cagagaagtc gccatcagcc ccagggtcac acagcagtgg 60
cagaattcct actagccctg cccctctcct tctcccaagc gaatgtccct aaacacagcc 120
ccagccagcc tgagctgccc cgtcatttcc cgactacaag cggactgggg gcgtggcttc 180
cccttaaaaag aagaggaagg aggctcaggc gggaagtgc ttggccctgc agccggcctg 240
ggaggctggg gagggacggg gtttctgtc acccggtctg gctctttcca ttgagtcacc 300
tgcctcgtct tgggcgtggc caggggagga acagggtgat 340

<210> 661
<211> 315
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 661
ggcaccacc accacacctg actaatTTTT gtatTTTTtag nagagacngn nnttnaccat 60
tttggccang ctgggctgga actcctgacc tcacgggagc cacctgcctc aatctcccaa 120
ggcgtgaca ctccccgcgc caccactgc gccccgcgga ccaccctcc tactgggag 180
cgcgcccacc cggggggcgc ccaccacott tgccecccca cccccacgga atggggagta 240
aagcgggccc ccccgccccc ccaccgcgcg aattatcctg gagctcacag agcgacccg 300
cccgccccc cccc 315

<210> 662
<211> 208
<212> DNA
<213> Homo sapiens

<400> 662
ggcgtgtgag cttggttgct ctaccaaagc cagcgtttcg gctcgcgtgc gccggcctag 60
tttgctcgcg tcctcacgcg ctttgggttt cccggctctca tggccggcct gaccttattt 120
gtgggcgcgc tcccgccctc gtccgcaggt gagcagctgg aggaactgtt cagtcagggt 180
gggccgggtga agcagtgcct cgtggtga 208

<210> 663
<211> 319
<212> DNA
<213> Homo sapiens

<400> 663
acaaaaagga tttatatgta ctgttgacac cataaaagat tctgacgaag agctggacaa 60
caatcagata gaagtactgg accagccaat caataccaca gacctgcctt tccacattga 120
ctggaatgat gatcttctc tcaacattga ggtcccaaaa atcagcctcc acagcctcat 180
tctcgacttt tcagcagtggt cctttcttga tgtttcttca gtgagggggc ttaaatcgat 240
tttgcaagaa tttatcagga tcaaggtaga tgtgtatatc gttggaactg atgatgactt 300
cattgagaag cttaaccgg 319

<210> 664
<211> 305
<212> DNA
<213> Homo sapiens

<400> 664
caactcgagg agaaaaccaa atctattgaa ctccattgat gatttggaat gttgatagtc 60
acaagcaa at gtaagaataa gaaagactgc tttctcatga aacttttta taaaacttct 120
ggaagcattt tcataaccaa atacctggag tacactgcct cactatcctt agtcatgcta 180
gctttctctt ccctgcagta tagatctgcc aattcaaate tgtatggcac cagggtggc 240
atcgcagaa tgattcaatt agtaatatgg cattgttaaa atattataaa gcgggccagg 300
cacgg 305

<210> 665
<211> 309
<212> DNA
<213> Homo sapiens

<400> 665
catgactgac tcctcttttg gcatgtctta gttaagagtc atctcttttag agagagtgtc 60
cttgacaaac aaatctaaag taaacgctcc ctgctatttt cttccataac atcctggcaa 120
tagtggcagg caggagatg ttcatattac tgagcacggg tttgacttga tattagaata 180
tatatttatt tgctcagctt ttttttctc atccctaata aagtttaaat taaattgaag 240
attgttgagt ttgaaaatac aggaaggaga gactgtcatg gattacccat tgatagagga 300

atgtccctg 309

<210> 666
<211> 310
<212> DNA
<213> Homo sapiens

<400> 666
attcatcagg gaccaaaacg ttcattgttca ttcagcattc gtgggtctgc tctacccaag 60
aagttttctc actcttcatt ggttctacca agcataagca aatcaaacaa ctcattgaga 120
gaatgtcatc agccaataaa ataagaaact gctcccaggc cctgaatcag cttattaaaa 180
ttgacctctg ggactagctt ctctaatac ataaaattat aaaaaagact tagacacaga 240
acctcaagtc tgttctacca ggaaatttta cacaagtatt ccagaaatca accaatcatt 300
ctaaccatt 310

<210> 667
<211> 311
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 667
tctctctttc tctccctcc ttccgtgtg gttaaacaca gaagacagtt gcagagttgt 60
aggtcaaagg gttattttta gcatatgaaa ggacagccca aacagaggat aggctttatg 120
gccaaagttt gtgctcaata aagagtccct ttgagccggg cgccgtggct tacgcctgta 180
atcccagcac tttgggaggc cgaggcgggt ggatcacgag gtcaggagat cgagatcatc 240
ctggctaaca cggtgaaacc ccttctctac taaaaatata aaaaattanc cgggcgtggg 300
ggtgggtgcc t 311

<210> 668
<211> 308
<212> DNA
<213> Homo sapiens

<400> 668
ttagattttcc ctaattatga atgatttgag gagcttttca tgtgcttatt ggccatttgg 60
gatcattttt agagaaattt ctacttaact cttttcttgt taaaaaaat ttgattgtta 120
ttgcttacta gcggtttaac ctctactag gtgtcagtc tctctgggac tgaatcttct 180
catcttaaca gcaggacac tcacctcac aggttgctgg ggtgcataag atgaggtggg 240
acgcattgat gctcaaccac gtgcctgatt cacgggagaa acctaaaaca tttgttatta 300
ttgtacca 308

<210> 669
<211> 304
<212> DNA
<213> Homo sapiens

<400> 669
tgatccgccc gcctcggcct cccaaagtgc tgggattaca ggcgtgagcc accgcgcccg 60
gcctgtacca acttcttaat gcctcaactg catctctgct tggactttta ctgcaaacaa 120
atatattatg tgatgtttaa aataaaagaa atatgatgtt cagtaataac tgggtggaatg 180
agagaatttg gctccatctt ctctaataac aaaggagttc tgctcctaca tctgagcaaa 240
attataacct ttttacataa aacaactgcy aagagtccca gcatgaacac cgcagtctct 300

gggg

304

<210> 670

<211> 150

<212> DNA

<213> Homo sapiens

<400> 670

taactgggca	tatttaaaga	gaatttaaga	catagccaga	tgatctcaca	tcattttaac	60
gtgcaagata	ttcgagtgtg	tgcacagtgt	atggaaaggt	ctgctgactc	cttattcaaa	120
ggcttgcatt	ccagcccggg	ccaccactta				150

<210> 671

<211> 313

<212> DNA

<213> Homo sapiens

<400> 671

cgtgcctata	atcctagcta	cttgggaggg	tgaagtgtga	ggaccacttg	aactcaggag	60
ttccagcctg	cagtgaagct	taattacact	actgcactcc	agtctaggca	acagaaggag	120
accctgtgtc	tttaaaaaaa	gacaaagaaa	aaaagaaaga	gagtgaagaa	gagccaggag	180
acataggttt	tagtggctct	gtgaggcata	aagtccctggg	tgaccccatg	gatatttcaa	240
agaggctctc	acatttcctt	gtatcacaaa	atttgatggg	tgactaataa	aacatgtaca	300
gatgtgcctt	aag					313

<210> 672

<211> 307

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 672

ggagaaccct	tgggggttac	atttcaatat	ggggcaatta	ttggtggcta	caagtaggtt	60
cgtgcaatta	ttggtggtag	gatttgagct	ggcctgaacc	acaatattca	gacactaccc	120
cttctgtctg	ccctctcac	tatcccaagg	gagaagggat	tccaaaatct	caacacttca	180
ctttcctgta	ttaagctgtg	aatgcaaa	attgttctag	tcattcaatg	tcttctgagg	240
aaaaacaatt	cagtgcagaa	tctaacatac	accatgtcta	tcatgtaaaa	tttatgccac	300
agaaaaan						307

<210> 673

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 673

caggctgtgt	gggaaactgg	ctgtggtggg	ccggtctgag	gtctcaagtc	tgacaggggc	60
cactggagcc	tccaactcac	caatcaacca	agtgtgagag	gttgctttgg	ttgaatggcc	120
atgtgctggg	gtctgactgg	cccagccaca	gggaggctgg	catcccttag	ctgagtcctg	180

tacccagacc	ctccagggca	tggagcccat	tgtgaggggt	ctgggtgctga	agtgggtgggg	240
gaggcccgtg	caggcctaca	gctttgtcat	ctgcaacatt	cctctcccca	ctttcttttaa	300
acttttn						306

<210> 674
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 674						
tccttttcctt	ttagtcttta	tctcattggt	atatgtgatt	ataatgttgt	catttatgca	60
gttgatgtgt	ctatttttaa	ccttaaaatt	tgttacttac	caactttttg	aatatgcctg	120
actgaaatga	ttcatactgt	agcatgtgtg	actcagggta	gtgaaagggg	gtttgttttg	180
aaanacaaga	tgagcatcat	actagtcttc	caccacaaaa	cattccatgc	aacttgagac	240
acagatgaaa	cagccaattt	tcttcttggc	ttgggggtgg	ataaaggggtg	gattgactca	300
tagagggcctt	acg					313

<210> 675
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 675						
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agtgattatg	tgggtttttc	caaacaacaa	acatgtgttg	catactttct	gtgatagcca	120
atgagaattt	aaagatacat	agagcataac	tgttgccccc	aagcaacaat	gtaataaaga	180
aacaaatata	tatgaagaga	actgcaaaag	actgcaaata	tgtactttca	tagaagcgtg	240
tgcaaaaggt	ttggtgatga	tacttttaaaa	gggaccagag	aagtcatagc	cagggttgat	300
ttccataagc						310

<210> 676
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 676						
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cttggggcctt	ttctcctttg	tcagcttctt	tagaaatccc	atgctgctcc	aagttgttgg	120
gatgtttgaa	tatctggaag	tgataagaga	tgacagaaag	tcaaggtata	tgactagagc	180
agcagccacc	aagggtgagt	tcctagtctc	cttaagaagt	gactggtcac	tcaaggtggg	240
agaattaaga	gcataccttt	ggggagaagt	agctacagat	gcagctaggg	cagatcaagt	300
tgtaaatggg	ccg					313

<210> 677
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 677						
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cctttttccat	tataggcttc	tggcctgaaa	cagggtttgct	atatagcaaa	acatcaaaaa	120
caaagccaaa	agacaaatga	caaactgggg	caaataggca	aacggttaat	atgttaatat	180

gtcttatata taaataacat taaattgggt ttggagtttt tattaatatc atggacaacc	240
attctgattt ttgcattgag acagtaaccg taacttaaaa tgaccgtagg attgtctact	300
aactaagagt ga	312

<210> 678
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 678	
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tagtgccgga aagttagctg ccgagacctg gtggattgct ttctgtttat cagtgcagga	120
aaacagcgct atagtactgc gtcacaacta gcgcagactc cggcagttatt tatgcggtgc	180
ggcttgggaa ctagaatcca ctctctgtct tccgcctcag gctagagggc gagcgcttcg	240
ccgtgggact tcttctgcct ggctccgcct cttgccccgg aagtactcac agcggacgg	299

<210> 679
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 679	
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ggcctgtggt tccccatcct tgggagaagt cagctccagc accatgaagg gcatacctcgt	120
tgctggtatc actgcagtgc ttgttgtagc tgtagaatct ctgagctgcg tgcagtgtaa	180
ttcatgggaa aaatcctgtg tcaacagcat tgcctctgaa tgtccctcac atgccaacac	240
cagctgtatc agctcctcag ccagctcctc tctagagaca ccagtcagat tataccagaa	300
tatgttctgc t	311

<210> 680
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 680	
ttccagagta ccactgaggg cccgacttggt atctggtact ccttctccat ttgtgtctct	60
tatattagtg gttccctaac tttgtagcac gttagcgtca cctggggggc ttttaaaaac	120
cctgatgccc aggtcgtgcc cttatttaat taagtaagaa tgtctgggga ggtgggccct	180
ggggctccag tagcagagtt tgggagctgc cttcctacca cttggccttt cattccctgt	240
gttcccttct gtctacattg gccccctact ggtccacact caggggtcttgc tctcattcc	300
ccctctgcct gg	312

<210> 681
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 681	
gatgtcttat ttttaagatat tttaaaatgt tttacatttg cttaaaaattt tacaattgag	60
aaaacatttc tgcataaaca tcatatctca tttccttata ataataattc tgtaagctta	120
tacactgaaa aaaatggtag aaaagtaaga aaaactgctc aaggaccac agaccatttt	180
agaattataa tattaattct ggtcttctaa attcagtgca cattgcatta catgacagtc	240
ctctccatct ttagcaacag agataaaaaat gttggcatcg gggccgggag cgggtggctca	300
cgcc	304

<210> 682
 <211> 302

<212> DNA
 <213> Homo sapiens

<400> 682
 aagagttaga aagaaaagag gaaggcggga gaaagcgtgc ggaagcttct gggagtgtaa 60
 actttcttgc ccttgccgcg tgcgccctct aaagccccgg tgcgctcccc ctaccccagg 120
 ttttcggagc ctcccagcct ctccctcgtaa ggcgggttccg gccgcctcat ccccgctctc 180
 tgccccaccg cacccaaggt gttgggtttcg ggaaggacct acgctgggtc ccccgaggct 240
 cctcggttcc tgccgatgct ctggccggac ccgagggggc ggctgtgga cccgcgttac 300
 tt 302

<210> 683
 <211> 205
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 683
 ggcgtgtgag cttggttgtc ctaccaaagc cagcgtttcg gctcgcgtgc gccggcctag 60
 tttgctcgcg tcttcacgcg ctttggtttt cccggtctca tggccggcct gaccttattt 120
 gtggggccgc tcccgcctc gtcccgcagt gaggagctgg aggaactgtt cagtcagggtg 180
 gggccggtga atcagtgcct cgtgn 205

<210> 684
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 684
 tacatcattc aaaactttgt gcagattctg aactctgagg agtttcttga cctgcccggtg 60
 gacactctgc accacatctt gaagagtgat gacctttacg tgaccgagga ggctcatgtg 120
 tttgagaccg tgatgagctg ggtccggcac aagccatcag aacgactctg cttactcccc 180
 tatgtcctcg agaacgtgcg cttaccgctt ctggaccctg ggtactttgt ggagacgggtg 240
 gaagcagatc ctctcatcag gcagtgccca gaggtcttcc cgctgctcca ggaagccagg 300
 atgtaccacc tt 312

<210> 685
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 685
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 gccagactg gataggggac cgcagggact gtggctccac cgcaatccta ccagtgtccg 120
 cccagccaga taggggaagg ggccgagcag ggggatgaag gc 162

<210> 686
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 686
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tctgtttcaa	aacacatttg	cacccttaaa	gctaacatat	tcagtottac	tgcctctggt	120
atctgtaagc	agaccatttc	catgctattt	ttaggatcat	ttccagaaaa	ataatttggt	180
tcattgtgga	gtctgtcaag	ctaaatggag	ttattttctt	tgtggagtgt	gatgagtaaa	240
tctagtcccta	agaaaatgag	gatttaaaac	atttcctgca	gagagctcat	ag	292

<210> 687
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 687	
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aaacagcgct	atagtactgc gtcacaacta gcgcagactc cggcagttat taggcggtgc 180
ggcttgggaa	ctagaatcca cttcctgtct tccgcctcag gctagagggc gagcgcttcg 240
ccgtgggact	tctttctgct ggctccgcct cttgccccgg aagtactcac agc 293

<210> 688
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 688	
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cctgaggtgt	ctatcatctg tgtggtccac attcttcagt tcacatatgt ccccaactgag 120
aaggctgcat	cagccatcgt gaccaactct gagtcaggct tgaggacca ggaatcagtc 180
atgtgactgc	ttctgtgtcc tgtgggggtg ctgtttgtgg caatgactct ctggacccat 240
cacacagatg	tccccctctc gggttcttgt tgtccccctc ggactctc 288

<210> 689
 <211> 286
 <212> DNA
 <213> Homo sapiens

<400> 689	
ctgaataata	ttattacaga actgaaaaaa aaaacccaaa aatactactg taagtatata 60
aaaacataat	tgaatgtgaa attgttctgt tttatgtaaa ttatgtttaa agctaataaa 120
ggggaaatgt	ataaaattat aaagaattta aaaaataagg cggggcacag tggctcacgc 180
ctgtaatccc	agcactttgg gagggccgagg cgggcggatc actaggtcag gagatcaaga 240
ccatcctggc	taacatggtg aaaccccatc tctactaaaa aaaata 286

<210> 690
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 690	
gactgcatgc	acagggttta cattttcttg tgaatctata atcatttcaa aatgcaggtt 60
tttaaaaaaa	gtcgttacac tggaatgaaa taaaatgaaa taatgtgaga aaaatagaca 120
agaggattaa	accgcttatg ctttaataata ctgagactat gtcgcagaga aacttctaag 180
gaatattttt	ggtcaagaga tttgtatcgg tgcgggtcoa agatacacga aaatttgatg 240
ttgttgaaac	tttcttaaaa atgatacaga ggtaacaata tacg 284

<210> 691
 <211> 283
 <212> DNA
 <213> Homo sapiens

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<400> 691
aagaacaggc ggttgctgct catgtagatc tataaatatg tgctgtatgt cttttttgct      60
ttttttttaa aaaaaaagaa caactctttt tgccctcttta aattacatac aagcatcgta      120
gtcttggttag aaccacaatt tttgttggtt atttataagg caattgagtg gggcgaaaag      180
agcattatctt acctgctgaa ttcaacatct tggaagcacc agggaaaaaa ctaggatcct      240
actattatctt ttgcggcaga taatgactct agtttgactt ctg                          283

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<210> 692
<211> 285
<212> DNA
<213> Homo sapiens

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<400> 692
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gctttgtttt attttcaagc tcagctatgt atataaaaga atgctgggct gggcgagtg      180
gctcacgcct gtaatcccag cactttggga ggccgagttg ggcggatcat gaggtcagga      240
gttcgagact agcctgggtca acatggtgaa aacctgtctc tacta                      285

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<210> 693
<211> 280
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

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<400> 693
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cttaagacac attatcttct gatgctggac agcttcttta aaaaaatgta gattcttaca      180
ttaagctaaa atttatttta tgaaagttca agaattctgg tccaaattgg gatgaggcct      240
atggtgcagg acttccgtga aattttatga gattacaaan                          280

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<210> 694
<211> 274
<212> DNA
<213> Homo sapiens

```

```

<400> 694
tggaaggctg gcacgggggt gagggatgaa atactatcta ttgagttcaa ggtacactac      60
tcgggtgatg gatagagcta acagcccaat cttgaccact atgctataca tgcattgaac      120
acaactacac ttgtaccctt aaattttatac aatatttttt taaaaaggag aagatagtgt      180
ttagtcagat gattggtcta aggttagagg ggggtgggta tatttaaaaca gcacactttt      240
gtacaatctc ttagatatcc taactaaaga aaac                          274

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<210> 695
<211> 268
<212> DNA
<213> Homo sapiens

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<400> 695
ggctgaaata attttaagta gcttgcccca aattacatgg gcaacaaaag gagctgaggt      60
ggcactaggt agagcgcaac tcgtgtcatt cctgcgccac tttgtgacca tatcacaatg      120

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tcttttctgc	cctaccaaaa	taggtattaa	taacagccaa	tatttatatc	attctcttac	180
atgcaaaaaca	ctgctatgat	gcgttatctc	acctgacctc	cacagtgtctg	taagataggc	240
accatgattt	tactcccttt	acacacgg				268

<210> 696
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 696						
ggcacgagcc	cccaccctac	cacacattct	atagaactgc	accaacccca	ggaaccgcaa	60
tcagatctct	aaggcgggcg	ccgggaaaca	ggcccccgag	ctgccagact	atgccccaga	120
ctaccagcac	aagttcagtt	ttgacatcat	gcctacggcc	cggcccaaga	ggaagggcaa	180
gtgtgccccg	aggacccccca	tccgtgcccc	cagcggggtg	cagcaggcct	cctcggccag	240
ttccctgggg	gcctccctcc	tggctctggac	actggggctg	gcggtcactc	tccgctgagg	300
acccacggcg	ttagcaccca	gcactgccac	atgtccacca	aggaacagaa	tttattttct	360
tcttttttta	acaagcggaa	gatctgtctg	gttccaggaa	aaggctggta	caggcttctg	420
gggggtgt						428

<210> 697
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 697						
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gggtagcccc	tgccgagccc	caggaggccc	ctgattccac	tgctgcagga	ggctcagcct	120
cgaagcggat	ggcgctgggt	ctggaacggg	tgtgcagcac	tctcctgggc	ctggaggaac	180
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cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgcccagc	300
tgtctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
atggcctgtt	cctgactgcg	gctgcacagc	ccctgaaagc	caagaccagc	ctcccagcct	420
ggtcagag						428

<210> 698
 <211> 426
 <212> DNA
 <213> Homo sapiens

<400> 698						
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cggccagagc	aatccaggag	tggctgaagg	agggcccacc	ccctgccagc	cctgcccagc	300
tgtctccaa	gttgtctgtt	ctgctcctgg	agaagatggg	aggctcatct	ggggcgctct	360
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gggctg						426

<210> 699
 <211> 424
 <212> DNA
 <213> Homo sapiens

<400> 699						
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ttggatttaa	ctgagtatgc	aagaagacac	cagtgggtgga	atcgagtgtt	tggccacagt	120

tcgggaccta	tggtagaaaa	atactcagta	gctacccaga	ttgtaatggg	tggcgttact	180
ggctgggtgtg	caggatttct	gttccagaaa	ggtggaaaac	ttgcagcaac	tgcaagtaggt	240
ggtggccttc	ttcttcttca	gattgctagt	catagtggct	atgtgcagat	tgactggaag	300
agagttgaaa	aagatgtata	taaagcacia	agacagatta	agaaacgagc	gaacaaagca	360
gcacctgaaa	tcaacaattt	aattgaagaa	gcacagaatt	tatcaagcag	aacattgtga	420
tatc						424

<210> 700
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 700						
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tgacttggcc	gccgtgtcca	acaaattccg	agacctcttg	caggaagggc	tgacggagct	180
caacagcaca	gccatcaagc	cacaggtgca	gccttggatc	aacagctttt	tctccgtctc	240
ccacaacatc	gaggaggaag	aattcaatga	ctatgaggcc	aacgacctt	gggtacaaca	300
gttcatcctt	aacctggagc	agcaaattgc	agagttcaag	gccagcctgt	ccccggtcat	360
ctacgacagc	ctaaccgggc	tcatgactaa	ccttgggtgcc	ggcgaggtgg	aaag	414

<210> 701
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 701						
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gcccgcattc	ggtcgacaga	tgtgtgtctc	tatctggcag	gcagcccccg	ggaccagca	180
gaaattttgc	ccctagccta	gctctggaat	cgacctccag	gtatcttgtg	aacctgaggc	240
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agctgggact	ccaggaagcg	tgccgaggcc	cacctgctg	gctggcagct	cccaagggca	360
ggtctgtctg	agccctcata	ctgggagtga	gcctgggtag	acaa		404

<210> 702
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 702						
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atatcaaaag	gtaggcctgg	aaccaagctg	atgggagagg	gaagacctga	actggtcagt	120
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naaggaagtg	tgggcagtga	gtgcctgatg	gctgcggagt	ttctgtttca	aacgataaaa	240
aaaaatttta	gaaatggaca	caacattggc	cgggcacggg	ggctcacacc	tgtaatccca	300
gcactttggg	aggctggg					317

<210> 703
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 703
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 ttttcttatt cctgcatagt ctattgcttc atgtattttt tttgtttttg ctttcttttg 180
 gactctgtca tgttggaac ttttctcaat tgccttcctt aggttaactgc ataatgtgat 240
 gtggaagatt caaaagttga ttgccttata taaattcgac agtttgaaac ttccctttag 300
 gctgatctgg gtcagccatt ttgggagagt tctccagaga ccttaagtct tatgtcttgt 360
 gctgggcaga caccctcagg gaatagtctt ccattttt 398

<210> 704
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 704
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 ccaaaggctc ttattttata gtggaagctg acataaagga gttcacaact ttgaaagctg 120
 acaagaagtt tcacgtgtta ctgaatattt tacgacactg ccggaggcta tcagaggctc 180
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 caacagggtg tagagtatag aggctatttc tataattttt ttatatataa tttttttaac 300
 ttttaatctt ttttgcctcc tttttttttt ttttaaaaaa agattttttt tttaacaccg 360
 ggggtttttt ttttcccccc agcttatttc tagga 395

<210> 705
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 705
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 ccagagtctt ggaggtgggg ccctgggtgg tggctctggc tgtcccgcc ttgagtagct 180
 gggatctcat gagtccggga gtccctctgt gtccacatcc tgcagtgtg cgggggctgc 240
 ccggccagat gcaggccagg gctggacact tactcctcct agacttagct tgaacagtgg 300
 cattaaccat ggtcactccc ataaaccag gctccagacc aggggcccga gagcgaggcc 360
 tggggactgg gaagtccan aaccccaggg tggag 395

<210> 706
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 706
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 ggcaggagaa ttgcttgaac ccaggaggcg gaggttccag tgagccaaga tcgtgccatt 180

gcactccagc	ctgggtgaca	cagtgaagaca	ttgtcaaaaa	aaaaaaaaaa	aaaactgctg	240
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cctttgaaat	ggcgggaaaa	aatgggcttt	tttgggaaaa	ttggggagcg	tttggttttt	360
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<210> 707
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 <212> DNA
 <213> Homo sapiens

<400> 707						
ggcacgagca	gcttttagagt	cccctagaaa	gagcatcatc	tttgagcctt	atccctctgt	60
ggtggacccc	actgatccca	agactctggc	ctttaaccct	aagaagaaga	attatgagcg	120
gcttcagaaa	gctctggata	gtgtgatgtc	tattcgggag	atgaccagc	gctcatatct	180
ggaaatcaag	aaacagatgg	acaagttgga	tcccctggcc	catcctctcc	tgcagtggat	240
catctctagc	aacagggtcac	acattgtcaa	actacctctc	agcagggtggg	tcccacattg	300
agaactggca	ttcgatcctg	cgcaatgggc	tggtcaatgc	atcctacacc	aaactgcagg	360
aatgggaaaa	ggacagcaca	ggatgccctc	caag			394

<210> 708
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 708						
cggtgctgtc	ggcagcggcg	ctggccttag	aaaattactt	ttcccactga	aacacaccca	60
agtatatgcc	cagccttcat	gaaagtgaac	agagaaacga	agcgccttta	tgtgggtggc	120
cttagccagg	acatttctga	ggcagaccta	caaaatcagt	tcagcagatt	tggagaagtt	180
tcggatgtgg	agatcatcac	acggaaaagt	gaccaaggaa	acccacagaa	agtttttgca	240
tatatcaaca	tcagtgtagc	agaagcggac	ctgaaaaaat	gtatgtctgt	tttaaataaa	300
acaaaatgga	aaggtggaac	attacaaatt	caactagcaa	aagaaagctt	tctgcacaga	360
ttggcccaag	agagagaagc	agcaaaagct	aagaaa			396

<210> 709
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 709						
cggtgctgtc	ggcagcaaaa	aaacagttat	gtgagcagtt	tcacttggag	gttcacatgg	60
ggtggcagca	cacttaacat	ctaacacacc	aggttcattg	tggtcataac	acttgctcatt	120
tactgtaaca	acattttttc	ataggagagt	aaatagccct	tcagcatgct	cattcatgaa	180
acagaagagg	ctgtacaagt	gaagacaagg	gctttttatg	caagtgttga	aagataggta	240
tttatttttt	ctagagacag	gagttttgct	ctgttgccca	ggctggagtg	cagtgggtgca	300
atcatagctc	attgaagcct	cgcactcctg	ggctcaagtg	gtcctcctgc	ctcagcttac	360
tgagtaagga	tatgtatttc	ttaaa				385

<210> 710
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 710						
cggtgctgtc	ggtgaccaga	aatctctatc	acagatttat	tgatgaagaa	acgaaggata	60
ccaaaggctg	ttattttata	gtggaagctg	acataaagga	gttcacaact	ttgaaagctg	120
acaagaagtt	tcacgtgtta	ctgaatattt	tacgacactg	ccggagggcta	tcagagggtcc	180
gagggggagg	acttactcgt	tatgttataa	cctgagtcct	ttgtgaactt	ttgaacatac	240

caacagggta tagagtatag aggctatttc tataattttc ttatatataa tttttttaac	300
ttttaatctt ttttgtttcc tttttttttt ttttaaaaaa agattttgtt tttgccccca	360
ggggtttttt ttttcccccc agctta	386

<210> 711
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 711	
tcnagtgcgc gggaggctgg tgtgtctgta tatgtgggtca actctctgga tgttaacacc	60
ttgctggctg gccaccaagt gaagataaac tggcctgggt cacaagtctt ttttctgtgt	120
ctagttgccc aagggtggaca catctctgtc atgtctcagg accagtaaacc tcaagctatg	180
cttggaagga cagaattgat caagatggaa tgactcctga gaggagacag tagtgatatt	240
tctgctccac tgctatttat ttttctgggt tcaaggttca gattcaacca tggcaggaga	300
gaaagtcctt agcagnttct tattttatat tttttttggg cctatgcacc cctcattaat	360
aag	363

<210> 712
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 712	
tgaacccggg ggggggggttt gcagtgcgc aatattgtgc cactgtactc cagcctgagc	60
aacagcgcca gagtcgttct caaaaaaaaaa aaaaaaaaaa ggggggggttt aacccctgg	120
tatccccac cttttggggg ggggggggat tctcattttt tgccgggaaa aaatttccag	180
gttgggattt tottaagttt ggaaagggtg ccccttgggc ttttaataacc tttaaagggt	240
aataaaaagg ggggggttcc cccgggaatc cccacattt tggggggggcc gggggggggg	300
gaccaaaggc cagaatttta aacccccccg gcccaacata ggaaaccctt gttttattaa	360
a	361

<210> 713
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 713	
ggcacgaggt tgggtagaga cgggtgtttc accgtgttag ccaggatggt cttgatctcc	60
tgacctcgtg atccgcctc cgcctcggc atctcaaagt gctgggatta caggcgtgag	120
ccacggcgcc cggacttcct tcttttttaa gcaaagcctg ttagaatggc ttggatctcg	180
aggtggcgct ttacccgacc tccgagggct ctgcagccgc tgcgggagaa tgaccctgtc	240
ggtatttttg aggctgctt gagcgcggcc ccctgccaa gacccggcca tcaaggccct	300
gatgcggcca gaccgcgcc tcaagtgggc ggtgctggtg ctggtgctgg tgcagatgct	360
ggcctgctgg ctggtgcgcg ggcctggcctg	390

<210> 714
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 714

cgttgctgtc	ggcctattac	aagcacattc	tttgattgag	tcattggata	taaacttact	60
aaatgcataa	aaagcagtca	atttacgaaa	cttctgagtt	ggtagggacac	tgttgattaa	120
taatgtactg	tatgaattaa	gagatgcttt	aactttgatt	ttacatttta	taggtaacat	180
gtggacatta	tagtatcaaa	catattggca	ttatgtcggc	atactagaaa	cattgtattt	240
cctgtgcttt	taaagtatac	tctttacatg	atctgagaga	ggattcaagg	tgatagaaat	300
agctgagggg	aaaaggggga	acattttggt	atgaagattg	gccttatggt	gatgggttaa	360
ttacacatta	tgatgttaga	ag				382

<210> 715
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 715						
tacggctgcc	agaagacgac	ggaaggggtg	cagtggcacg	atcttggtc	actgcaacct	60
ccgcctcccg	agttcaagag	attctccggc	ctcagccccc	tgagcagctg	ggattacagg	120
cacctgccac	caagcccagc	taatttttgt	atttttagta	gagacggcgg	tcaactcctg	180
gaactctgaa	tgaagcgaag	atgcgtaatt	tgggataata	tcaaacctgg	cgtggtgagg	240
aaagcccacc	acaagcccgc	ccctggaatt	tctccctcct	ataaaccag	gcaacataaa	300
taagtgtggc	tgggcgcccc	ctcctcccaa	aaactcttgc	tgaaggacgc	c	351

<210> 716
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 716						
cgttgctgtc	ggagacttcc	caggaaggct	cagcgccctc	tcagccttcg	tactcagaac	60
agccgatgat	ggcctcagt	aacctgagcc	ccggtcctgg	cccagccag	gccgtgcctc	120
tcccagaggg	gctgctccgc	cagcgggtaca	gagaggagaa	gaccctggaa	gagcggcggt	180
gggagaggct	ggagttcctt	cagaggaaga	aagcattcct	gcggcatgtg	aggaggagac	240
accgcgatca	catggccccc	tatgctgttg	ggagggaagc	cagaatctcc	ccattaggtg	300
acagaagtca	gaatcgattc	cgatgtgaat	gtcgatactg	ccagagccac	aggccgaatc	360
tttctgggat	ccctgggg					378

<210> 717
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 717						
cgttgctgtc	gggacatggc	acctttctgc	tgtgcctgga	aaccatttac	cagaaagtga	60
cgggcaagga	gctgagatac	gagggcctga	tgggcaaacc	cagcatcctc	acttaccagt	120
atgccgagga	cctgatcagg	cgacaggcgg	agaggcgggg	ctgggcccgc	cccatccgga	180
agctctatgc	tgtgggtgat	aacctatgt	ctgacgtata	cggcgccaac	ctgttccacc	240
agtacctgca	gaaggcaacg	catgatgggg	cgccagaact	aggggccggg	ggcacacggc	300
agcaacagcc	ctcagcgagc	cagagctgca	tctccatcct	ggtgtgtaca	ggcgtctaca	360
atcccaggag	cccacagtcc	a				381

<210> 718
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 718						
ttaaggaacg	gaagttaaga	atgtaacaga	caaagtaaaa	agacggcaga	gttgactgct	60
aagcctaata	cttttaggct	tctcatgtta	ccttgcttaa	aattgctgta	taatttcaaa	120

aatgccccac	ttcagttttta	aaaagtaaaa	taactatttta	at ttattttat	agaattaaaa	180
gaaaaaaata	gtaaatctgt	gtttttgcct	agaattagtc	cttagacact	acatcaaaaa	240
acaaatcttg	gccaggcatg	gtggctcaca	cctgtaatcc	caacattttg	ggacaccaag	300
gcaggcggat	aacctgagat	caggaattca	tgacctagct	tgcg		344

<210> 719
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 719						
cgttgctgtc	gcaaactttg	gggaaaagga	aaggaaacac	aggagaagtt	ttcagcagtt	60
gccccgagct	gttttgtgtg	taatgaagtg	gttctttgat	taaggagctc	tatttcttat	120
ttaactgata	tcccactgcc	ccactccaca	aaataggaaa	atgaagaaat	ctttctctct	180
gacttgttta	catcatttca	cggaaacaca	tctttgtttg	taatgcagta	ttctttctct	240
gtgtttgaca	gagatgggga	ggggcagagg	aatttaagag	gtttttaaag	aaatgttatg	300
tttcttatga	cttgtttcca	ctcctcgta	aatgctattc	ttaggtttct	acgaaacctt	360
atgttagaac	cgcac					376

<210> 720
 <211> 349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 720						
nttaatctgg	gtgccgggga	caagaagcag	aggaaaaacc	acactatcaa	gctgcaagag	60
ttggcactgc	tgctgcccat	agccctgaag	acggggacca	agaagctcac	aaaggtagag	120
ggactagagg	agaggggcca	gatttgggac	gcaggctctt	aaatagcagc	agatgggtca	180
ccctctcctg	ggaaacctgg	acagatcctt	tcagtggcag	cattcatatg	ggaatggggc	240
tactctgaac	gggaattttc	gggagtctgt	gaaccataa	ctaggtgcct	gggggatcct	300
ttttttggaa	aggagagagg	agaaaccggg	ctggggggaa	aaagagatn		349

<210> 721
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 721						
cgttgctgtc	ggtttagtacc	aagctaagag	tttactttaca	gatgacagca	agcagatgct	60
ctagtaattc	gtcagacatt	gcagggatat	tgtgtagtca	gatattaccc	tcttgtggaa	120
agaactacct	cacatcatta	tttattttccc	ttctgttacc	aacagccaag	gaattactta	180
gtgtggctcc	ctgcatcaat	actgggatat	gcttaaacaa	gggaatgcca	taagagttcc	240
caattgcctc	gtcatagcct	gggccataga	tttttgttac	tgctaattct	gcttctttaa	300
gttcacaccc	agtgcacaaa	acccaatcag	caaactaacc	cctaaatcca	atatatttag	360
aaatgtaagt	gttaa					375

<210> 722
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 722

acaaagagga	attagtgaat	gaataaatga	aagtctatat	ggtaaagctg	gggcatggta	60
ggactagtcc	tttagaagtc	tcctgattct	tagtttactg	ctctttgcaa	tccacagcat	120
taacccccac	atatatatgc	cccagggtgta	gcctgactca	taacatcact	aaccctacta	180
ccaatgggtga	tgtgtaagca	ctttgtgctg	ggttaaagct	tcaaactttt	cttattgaga	240
ttagatgatc	taagcagtag	agtcccttaa	atcaagggttc	agggccaggc	gcggtggctc	300
acgcctgtaa	ttccagcact	ttatgaggcc	gaggtggctg	g		341

<210> 723

<211> 371

<212> DNA

<213> Homo sapiens

<400> 723

cgttgctgtc	gggctctcta	gctcctccct	gagtgcctgg	gttctttgca	gtgattat	60
tgtagccatt	tacctgtgat	tcaggggcca	gggtgaggcc	caagagtgg	ggcgggcag	120
tggacaggct	ggccaggctg	aaagacctct	gacaagggtc	tgtgtggggt	gcaggtgtg	180
ccggtgtgga	tggcatgctg	ggcgggtg	cacagagtgt	ggaggacgag	gaggacagt	240
gtctgcagag	cacctggag	gcctcgctgg	agctacgggg	cctggccgc	gttgcgtgata	300
acgccagca	gcagtatgtg	cgctcacgcc	cggcgccctc	gcctgagtc	atcaagaggg	360
ccaaggagat	g					371

<210> 724

<211> 333

<212> DNA

<213> Homo sapiens

<400> 724

catgggggga	aaagacctct	ctaattgttat	gtagaaagag	aaggagggag	tgcccttct	60
agcgtggatg	cctttgggtc	ccagatctgg	atttgagggg	ctggctctat	ctcttaagaa	120
gacatttacc	tagcattgg	aattggagatg	gggccttaat	agggctaggg	aggcacacc	180
aactccagac	acagctctct	gctgttcccc	ttccagtg	acacagtc	aattccact	240
ccagaaaatt	ttttaaaaac	atatcttaaa	aaaaccccaa	agagccaagc	agaccctcag	300
cttcaaggga	tctcctcatt	ctctctctct	ctc			333

<210> 725

<211> 334

<212> DNA

<213> Homo sapiens

<400> 725

acgtcctact	gtaccagcaa	taagacaata	tgaataccct	gcaaccttaa	ggtgcttgaa	60
gtaagtaata	cgctctcaat	gagacaaaag	caacaatttg	gaaacaaaag	tggaaattaa	120
caatgccact	ggtttctg	taaagaattt	atgtatcggg	ctttcattgt	gaataaactc	180
agtaagcagc	tactcaaatg	atgtgattac	atggtctagg	aatatactct	tgggtctccaa	240
aatgacttct	ctatgactcc	tggtagtata	tgaaacttag	taattaacac	tttctaccat	300
ttaaatcaaa	taaatatgtt	tatctctgtg	aaag			334

<210> 726

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(334)

<223> n = A,T,C or G

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<400> 726
aagctcggaa aaagaaatag aagagaaggg ttatgatgga tttccttgat ttattcagat      60
tgtgaaaacc taacagataa atttccacaa aattaaagaa aattcaaata ttagatgggt      120
gaagaagtcc ctccaatttt aaataccagt aactcatcat ttacctgaga ctagaaaata      180
actagatatg cttaagatgc ttctccattc ttgttggtct ccgggctaca ttctttctga      240
taggtacctg gcgtgtatat tacacttcac atgtgcatgg catactgcag tgaatcaagc      300
aatctgggag ggaaaccttg ccagaggaga aatn                                     334

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<210> 727
<211> 328
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

```

```

<400> 727
tcattttatg ctgccttctt agatgcaagt attcattcat cccattatgt actcaatcaa      60
tgaatatatta ctgaatcctt tctacatacc agacattgaa ccagacatgg ctcaatgagg      120
acttggtgta gcccttgagg gagcttacag tctcagagag ggaaacagtc atgtaaaaat      180
gagtcgtggg aaaatactac aagtgtttag gataactaat aagtgagaaa aaatagatca      240
gatggctctg aattctggaa ggtgagctca ccagatagtt gaattccaaa tacatgcaat      300
gttatgggtg gtgtgtgtgt gtgtttgn                                     328

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```

<210> 728
<211> 329
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

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```

<400> 728
gcaatgagtc ttaagaaggt aacagcctaa aaccatctca gatgaaatgg agctgctcag      60
agacttttgg gagctctcag acctggtgga gacctctatc ccaagtcaaa atgcaacact      120
cacttcaaac agaaatatcc ctacaagaca ttaattcaca atttcaacgc tttatgacct      180
cccactatat gccaaagcact tttaaagact tcagaggaat ataaaaatga atcatatttc      240
atcttccatc tgctcaaaat tctctttggg tgggcagtggt ggagcagcag aaaagtacgt      300
tatttggttac aggggaggtg tggatgaan                                     329

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<210> 729
<211> 164
<212> DNA
<213> Homo sapiens

```

```

<400> 729
ggcagacgca ggggtcggcg ccgggtgaga gcgtgcggcc gggtgagagc gtgcggccgg      60
attcaccaca acatggcaaa tctttttata aggaaaatgg tgaacctctt gctctatctc      120
agtcgtcaca cggggaagcc tcgagccctc tccacatttc tatt                                     164

```

```

<210> 730
<211> 320
<212> DNA

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<213> Homo sapiens

<400> 730

tcaggtgga	ggatcgttt	agtctgggag	gttgaggctg	cagtgagcca	taatcatgcc	60
actgcactcc	agcctggaca	acagagcaag	accctatctc	aaaaataata	aaattttaa	120
gttgataga	gatgtatgta	aatacataga	aaaaaactgg	agaatacat	ttaaatagtt	180
aatagtgttc	aacaattttt	taccaggcac	ctactattgg	taggtgagaa	tatattggtg	240
aataaaaacc	cattgatctt	gccctcatgg	atcatatgtg	gacaagatca	gcctttctca	300
actggagttc	tgagagattt					320

<210> 731

<211> 369

<212> DNA

<213> Homo sapiens

<400> 731

ggagatgatt	tggacaaatg	gggttttcaa	ctttgatgtg	aagggaaaag	gggaagtagg	60
ggatacccct	tcagctgtca	ggaactgggc	acctacatgg	gaagccctag	atctgcaa	120
gctttgagct	ataacaagtt	tgaaaagctg	gatgtgagac	agcactctaa	tttaagggga	180
tgataaaggc	tgggatccta	attctcacc	caaaccccaa	tagcatagtt	ctatttggcc	240
aatccaaaaa	gcacgtgtat	cttggaactg	acctgtagac	tccatgggtc	tgaatgaagt	300
gatatgtccc	ctaaagcttt	ctctggctgg	ccctaagaca	attaactagt	aagatagcat	360
accagattt						369

<210> 732

<211> 309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(309)

<223> n = A,T,C or G

<400> 732

ctctaggagc	ttccagggtca	cttctaactg	cctgcagctc	tcccttctcg	gaaccctgct	60
gcattcaaag	aggagccgtg	ctatttagct	cttttttctt	gtcttttttt	ttttttttaa	120
aacaggggtt	ccctttgccc	cccagggtgg	agagacattn	ccaatgaaat	tctaagcagg	180
ctcccttccc	tcttgcggtta	ccccaaatcc	taattgtata	cctaaaaaga	gtgggggcat	240
aatggggcgg	ccccacaagg	ccaggggggt	tacagtacac	ttggtgatag	aactttctac	300
ccccaccta						309

<210> 733

<211> 461

<212> DNA

<213> Homo sapiens

<400> 733

gtcattgtct	ttttgattat	cccatcgatt	ccaattccgt	tgtgtgcggt	ttcccggagg	60
aaatgactat	tacctgacga	tcacagggcc	ttcgacccc	ttcctgtcag	gggccgagac	120
attccatata	ccaagcttgg	gtgatgagga	atttgaatc	ccacctatct	ccttggtatc	180
tgatccctca	ttggctgtct	cagatgtggt	tggccacttt	gatgacctgg	cagacccttc	240
ctcttcacag	gatggcagtt	tttcagccca	gtatggggtc	cagacattgg	acatgcctgt	300
gggcatgacc	catggcttga	tggagcaggg	cgggtgggtc	ctgagtgggg	gcttgaccat	360
ggacttgga	cactctatag	gaactcagta	tagtgccaac	ccacctgtta	caattgatgt	420
accaatgaca	gacatgacat	ctggcttgat	ggggcatagc	c		461

<210> 734
 <211> 449
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 734
 ggagaaggct tttngatata cgcaggatac cacttgcttg ctcgtttggc cgtagctcc 60
 aaacattcta cacgttgata gaaaactacg aagagggacg cttatacttg ccatcatatt 120
 ttactctaaa cccctgctac tgggtcattt tttgattatg caggtaaata ccaaagcttc 180
 cacaggctgc tctagtattc tatcgggcat tttattccaa aacttttttt ttacttttta 240
 ctatatgcct agcagaggct taaaaccttt atacacatta actgacttaa tcttgaccag 300
 atctgcggat tcagtacatt ttactcccat tctggagctt acgtaaatga aacactgaca 360
 cgctgatagt catgtgttag agtcacgatt tgaacctacg taagcttggc tgcaaaaact 420
 gtgttctcaa atgtctgtac ttttatatg 449

<210> 735
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 735
 tgacgagcac atggactttc tgcgcgatgc ccttcaggac catgcgtgct acttggtgca 60
 gaagaccacc gaagggacac ccacctgcat tgtgagctct atggctttga aaattacgac 120
 acaattcttt tacgactcct ccccttcacc atttgtgtcc acattaccat tgctactgtc 180
 tggcatagca gtcccttttta taaatctacc ctaaggctcc ttccatcttg tactgtttcc 240
 tttctccctc ccatctgctc cagaagaaaa aaatatatat atactacaga atccaccctt 300
 gcctcacttt atgatgacgg cattccctat ggaagcccta tgctcctttt cacacacaca 360
 aaaaatggaa gtaatattat tttctttgaa aatcatcaat cctcctacta tgacatatgg 420
 aaagcaaaca gctgtaccca cgaaaggtag 450

<210> 736
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 736
 ctatcttaga acaagttaaa tagtatatgt acttgtaata acttgtagact agatatgtta 60
 gttttgtcta ttaatttttc tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa 120
 atgaaaagtg tttaaaaaat taaatatatt agaaggatca ataccctaag ggttgtgggt 180
 aattctttcc tactttctaa aacttcagat tcctttcact cacttaaggt tgtactacca 240
 ttaatgcaat gttttctggg agtgcaagat ttgcanatga attaataaca gctagaagcc 300
 tcactatttg cactttttata acattctttg cttgtatcat tacaagggtta aattatatag 360
 taataggtgg aaaaaagtat caaaaatcag tgaaaaccac atgggattca tatggn 416

<210> 737
 <211> 412
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 737

aagttgcctc	agaatgagac	acactctttg	acttcacatg	caacagaaaag	gcacagtttt	60
atttcaaaca	aagcagtgtt	ttgctgtaac	accgttaaaa	actggaaaag	aaaactcaat	120
caaaccaaaa	actagatgct	taggaataaa	tggtagaatt	cttacaaaac	caccacgctt	180
caattcaatc	taaatcaatt	caacaaatct	gtgctgaaaag	tataacattt	agttttctta	240
gacaccanat	gaacaatata	aaatccctca	agggacttag	aacattcaag	ttttctatat	300
ctgtggttct	aagtctgtta	ccaacttcca	ggactctgct	tctttccctc	tgcccattaa	360
caatgcgngt	gttaaagtga	cttcttacca	ctatagtttt	tacagctgat	tc	412

<210> 738

<211> 441

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(441)

<223> n = A,T,C or G

<400> 738

tcgatctcaa	ttccgttget	gtcggcggac	gccttccctc	tgaagcgagc	caccgagaag	60
ataagcgagg	acctcagggc	cacactgaac	gccttccctg	accgcacggg	ccagcacagc	120
aacaagttca	tgctggtcct	ggccagcaac	caaccagagc	agttcgactg	ggccatcaat	180
gaccgcatca	atgagatggg	ccacttcgac	ctgccagggc	aggaggaacg	ggagegcctg	240
gtgagaatgt	attttgacaa	gtatgttctt	aagccggcca	cagaaggaaa	gcagcgccctg	300
aagctggccc	agtttgacta	cgggaggaag	tgctcggagg	tcgctcgggt	gacggagggc	360
atgtcggggc	gggagatcgc	tcagctggcc	gtgtcctggc	aggccacggc	gtatgcctcc	420
gaggacggng	tcctgaccga	g				441

<210> 739

<211> 403

<212> DNA

<213> Homo sapiens

<400> 739

ggaagcgtcg	gcgacgcata	gcgcgatggc	gcgggcgggg	cagtgccttg	gaaactgaac	60
acaacaaaag	tatggatatg	ggaaaccaac	atccttctat	tagtaggctt	caggaaatcc	120
aaaaggaagt	aaaaagtgtg	gaacagcaag	ttatcggctt	cagtggcttg	tcagatgaca	180
agaattacaa	gaaactggag	aggattctaa	caaaacagct	ttttgaaata	gactctgtag	240
atactgaagg	aaaaggagat	attcagcaag	ctaggaaaag	ggcagcacag	gagacagaac	300
gtctttctca	agagttggag	cagaatgcaa	accacccaca	ccggattgaa	atacagaaca	360
tttttgagga	agcccagtc	ctcgtgagag	agaaaattgt	gcc		403

<210> 740

<211> 430

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(430)
 <223> n = A,T,C or G

<400> 740
 ccatcgattc gaattccggt gctgtcgccc agaagggtct gcatggggcca tgagcggggca 60
 ctcccaatac agcttaccgt acaggctttg gacatgccgg aggaggccat cgagactttg 120
 ctgtgctacc tggagctgca cccacaccac tggctggagc tgctggcgac cacctataacc 180
 cattgccgtc tgaactgccc tggggggcct gccagctcc aggccttggc ccacaggtgt 240
 ccccttttgg ctgtgtgctt ggcccagcag ctgcctgagg acccaggga aggcagcagc 300
 tccgtggagt ttgacatggt caagctggtg gactccatgg gctgggagct ggctctgtg 360
 cggcaggctc tctgccagct gcagtgggac cagcagccca ngacaggtgt gcggcgtggg 420
 acaagggtgc 430

<210> 741
 <211> 437
 <212> DNA
 <213> Homo sapiens

<400> 741
 gcaggatccc atcgattcta aatccgttgc tgtcgcacag agccaactaa cgacagctat 60
 ggattatattg cggtttgat gcatagtggc attacaatta gtagtgggca ttacactgct 120
 tctgttaaag tcaactgacct taacagttta gaactagata aaggaaattt tgtggttgac 180
 caaatgtgtg aaataggtaa gccagaacca ttgaatgagg aggaagcaag ggggtgtggtt 240
 gagaattata atgatgaaga agtgtcaatt agagtgtgtg gaaatacaca gccaagtaaa 300
 gttttgaaca aaaaaaatgt agaagctatt ggacttcttg gaggacaaaa gagcaaagca 360
 gattatgagc tatacaacaa agcctctaatt cctgataagg ttgctagtac agcgtttgct 420
 gaaaatagaa attctgg 437

<210> 742
 <211> 428
 <212> DNA
 <213> Homo sapiens

<400> 742
 cgttgctgtc gctgtcacag acacatattt ggatttgtga ttttattctc ctggatggac 60
 aattgtgatg gatttttttg gttccgggct tcaagctttg caatctcate ttctttgccc 120
 ttccctcttg cataatggaa gaggcgctgc taatttgggt tccatccttt cctgctttca 180
 cagactgccc tgtgatttcc taaaacattt ccattagttt gtttgaattc tctgattttc 240
 ttcccttagg gccctccaca ggctctgtg ctagtgcctt gaatgatggc aagcgtacaa 300
 aaaatatttt ttttcttttt aaaaacgttt ttgttccggc ccccatgct tgtgagccca 360
 attcatctct ctgcgacgtt atttccaccc ctctaccccc tcagctttcc agcgtgctca 420
 tcaggggg 428

<210> 743
 <211> 424
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 743
 cgagtcgtac aattttgtaa nganccggag cccacgattc gaaggctcct gctttcggga 60
 agaatattct acttatcaca ccagagcttc caccgacagg ggggggggacg taacacacct 120
 tggttcccct ccggcttttc ttccccttct ctcgccctt ctccttaate ataccaaaag 180

cgctcagct	ctgattggct	ggagctctgt	gctatctcag	ccaatcacia	gccgggctgt	240
gtcctacac	catccgaaga	gcgaatcgtg	cagagaccgt	gtctacgatt	ggcctctccc	300
tgacaaggat	ttaattatga	atctttcttt	atggcggtgg	agaggccaca	gcccgactc	360
catcgactcc	cccggctctt	agactaaaat	catgcccag	tgcaaacaac	gaagacgaaa	420
gcta						424

<210> 744
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 744						
cccacgatt	cgaattccga	tgtgtcggg	ggctctgtat	ggccagtaac	tgggactcga	60
gctttcagat	tctcaactag	ccttggcaaa	acagctgtag	gtggcctccc	tgacaacaga	120
cactcagacc	tccccaccct	ggctctcctt	gcatttcccc	atgctcccca	ccccctggca	180
aaaggctggc	catgctctgt	tcccagcagc	cgcgcagggt	tccccactgg	ctgcaatggc	240
cctacaaaa	gccatgttgc	atatcgttgc	taagcagctg	ccctgtgccc	tgtccccatt	300
ccttatgccc	tatgaggcca	agctgggtgc	tctaggaggg	cccacacagg	caccctggat	360
ccccagaga	gtaaattggg	gtgctcaggc	cgcaggctga	ctcataggta	gggcagtggg	420
ctctgcagg						429

<210> 745
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 745						
cggtgtgtgc	gggctgoggc	cggtttggcc	cttctttgta	ggagagtttc	atccgccctg	60
aaatcttgcc	gatcgtaaat	aactcctcag	gtccctgcct	gcacagggat	ttttcttatt	120
ttgttgccct	aaagcacacc	aaatgtgaca	tcctttcacc	aatatagatt	acttcatacc	180
acattgtcaa	ggaaaggact	ataagaattt	tttgatgacc	caaaaaactg	ggggcaagaa	240
aaagtaaaat	ctggagcagc	atggacctgt	cagcaactaa	ggaacaaaag	taatgaagat	300
ttacacaaac	tttggtatgt	cttactgaaa	gaaagaaaca	tgcttctaac	cctagagcag	360
gaggccaagc	ggcagagatt	gccaatgcca	agtccagagc	ggtagataaa	gtagtagat	420
tcn						423

<210> 746
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 746						
aaataaaaata	aaataaaaata	aaataaaaata	aagataaaatc	aggcagttca	gtaactgaat	60
tctccccatc	acaaaaagat	ttttcatttt	acaagtattc	atcaactaca	attgaactgt	120
aggaaaacac	tttaggtagt	gttttccctt	gggttatacc	tctttttcta	ggtaactttt	180
tactggctct	aagcatttgg	cacttcaaaa	ataccatttt	atggtgttgg	gaaaactggc	240
ttaccgcatg	ca					252

<210> 747
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 747
cttgtgtggt gcactgtgct cctgtcttta gggacccgtg aagacaaaact tcttccttca 60
tgatagtcac ttccatgcgt ctgtgtccat actatctctg gttaaaacaa atcccaggta 120
cattttaaaa cacggatggt ggtagatctt gcatggaatg gtgatctagt cacatatatt 180
ttatatactc tggaaatgat gcaaaaattg gctacaagaa agcttatatc tctccttgta 240
atcttctata acaattttta actaactttt tctacataca gcatgttggt tcctagatga 300
ggcgatgaaa ttcttttatgc agcaagagtt ttccagtata tttcaaaaata ccttattgtg 360
aatgtttttg aaatgtgtaa ttactatctg a 391

<210> 748
<211> 391
<212> DNA
<213> Homo sapiens

<400> 748
ctcaacacac ccagggttttt ttgttctctc tttctctctg gcctcaattc catgccttac 60
tacttgattg ttgtatgcta ggattgaggg aatatgcatg caaatactag acaaagcact 120
tgagggaggc cttctcccac agtactgggtg gctgtgtaat agatgttctc aattaccaag 180
tgcttaaaact gagccctatg tacttaggca gcctgttttag agttcttacc cacttgccaa 240
tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggacaaaaa 300
ttatggatat gccactgaaa atgtatggta gagtaggcgc ggcacagagg ctcatgcctg 360
taatcccagc acttttggag gctgaggcgc g 391

<210> 749
<211> 258
<212> DNA
<213> Homo sapiens

<400> 749
ttagatgatg gatatctaga ggtgtattat atcattggct ctattttgta tgtttgaagt 60
ttccatagta taaaacttag gaaagttaat ttaaacagac aaatacccca tcatgaaaat 120
ggataatcaa aaggaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180
gcttagcttt actactaatt cttcaatggt agttttacaa acaaagatga tacctcttgc 240
tgggcactgt ggctcact 258

<210> 750
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 750
taataactat aattttattca gtaccttttt acataatgga ccttattctt aatgctttat 60
gtacattaac ccacttgacc ctcatgacga attacctata gcttattatg cccatttttc 120
agataaaaaat gaggttcatg aacatatata ttttgcacac atgtattttt aataatttca 180
ggccaggcgt gatggctcat gcctgtaatc ccaacacttt gggaggccga ggcagatgga 240
tcacttgagg tcaggagttc gagactagcc tggccagcat ggcgaaaccc tgtctactaa 300
aaatacaaaa aaaaaattaa ccgggcctgg ttggtgggcgc ctgtaatccc acctattcgg 360
gaggctgagg cgggagaatc gcttataccn 390

<210> 751
<211> 386

<212> DNA

<213> Homo sapiens

<400> 751

aataaataac	ttatgtatcg	tcggaggttt	ttactgcgga	gagagctgta	cgtaattggt	60
gcaccacaca	gatgctccct	ccaggactga	aggacttacc	cctccagctg	ctgggattat	120
agttggctga	caactctccag	cagctggcag	tttccaggaa	ctgcctgtgg	ctgaagagaa	180
ccacettact	cagagttcta	ccctcctcct	aggggcagct	gcacccaatg	actggcctat	240
gtggaggtat	aaatccatct	tgccaatatt	catacttatt	tacataattt	acgatattca	300
tacttaaaga	ttctgtgccc	ttacccaact	caggataggc	taaaagaact	agcccagctt	360
ggccgggtgc	actggctcac	gcctgt				386

<210> 752

<211> 414

<212> DNA

<213> Homo sapiens

<400> 752

ggcgttggtg	tcgaaaccgt	tgagtttcta	aatattttatt	tattctaaca	aaaagcaatg	60
agtacggggg	gatgacacat	ttaatgaaca	caatttttatt	ttttttctgt	aactgtgctt	120
gttgaatgtc	aatcatattt	aaagggaatg	actttgaagt	aaaacctttt	ttcttgctac	180
tgaaaaaaat	ggagttgttt	tgggtggtaa	agtgttaagg	aatagggaca	gctggtcaca	240
caagggaactc	ttgaaggcca	catgtgaaaa	cctgtcactt	gcacagaggc	cagtcccact	300
aagggtgacca	gagtggtgtc	caagcacaaa	ctgccattgg	ctatagatgg	gactgtgtcc	360
ccccaaaatt	catgtgttgg	agccttaacc	ctcaatgtga	tggtatttga	gatg	414

<210> 753

<211> 416

<212> DNA

<213> Homo sapiens

<400> 753

cgctgctgtc	gacttcgtga	aaattatttta	ggaggaagag	ccggaaggaa	aaccaagtga	60
tgcataaagt	tcggagagtt	cagatgatga	aaaagcctgg	gttgaagagg	tcaggaagca	120
acgcagactc	ctccagcagg	aggaaaaagt	gaagcggcag	gaacgactca	aggaggacca	180
gcagacagtc	ctaaagcccc	agtttttatga	gatcaaagca	ggagaagaat	ttagaagctt	240
caaagattct	gccacaaaagc	aaaaactgag	gaacaaaacc	cttgaagatc	gtttgaaaat	300
tgaagcaaaa	aatgggacat	tgagtgtatt	cgacaccaac	gttgggagca	aacaattgac	360
cttcacgtta	aagaggtctg	aaccgcacaa	taaagcatca	gggaggctgg	gaaact	416

<210> 754

<211> 388

<212> DNA

<213> Homo sapiens

<400> 754

tgcaatgttt	tgtagggccca	gaattattttc	acacacataa	gtatgatttt	ccccaaccag	60
accacaagct	cttcaaggtt	aacaacaccc	tcgccaacc	ccctccccct	caaacaattc	120
ttctgtctct	ctagagcaga	ctttgatcta	aattggatct	aaattgactc	gaaatgtcag	180
gaaaaagaga	ttaatgcaca	aggtcccttt	ctctgagaga	aggtgtgata	gagcagagct	240
taagcctggg	tgggaaatga	aactgcccac	cactctctcc	accccgctt	ggtcttccga	300
gggtgacagg	tgggacgctg	aagagagctg	ccctcctggg	cccgccctcc	atgtgaacag	360
cctctcccca	aatcttcctt	tggatctg				388

<210> 755

<211> 415

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(415)

<223> n = A,T,C or G

<400> 755

cgttgctgtc	gctccatttt	cgtctagcag	tggaagaaga	ctgaatatct	cgtataccag	60
aaacatgact	cttaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tgggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggtg	atctttacag	180
cgagggagac	tgcacttacc	tgaaatgttc	tgttaatgga	gttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	ttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcctc	aaatacttat	cttctgtgag	ctcacaagaa	actcagggcg	gcccttagc	360
tcctatgact	ggaaccattg	aaaagggtgt	tgtcanagct	ggagacaaag	tgaag	415

<210> 756

<211> 414

<212> DNA

<213> Homo sapiens

<400> 756

cccggaacct	gggtctgagc	cctgctcagg	tttgtcccag	ccggctcagc	gcagctggct	60
gtgtgttgct	gtcctacag	ctcaatgcac	tggaccttct	cgtccagcct	ggatgcctct	120
atcatttctc	tttgtctttc	tctggcctcc	ataccgttct	gaagagctca	ccttctctta	180
gggttctcct	gacctgctct	tcccaagtga	cccagccctc	acctgtaggg	cagccaaggc	240
tgggtggtgca	gctgccccca	gtgaagggtca	ttgggcatcg	cactgggcag	tgcagaggctc	300
caggctgagg	agttgagtg	cgcgcccatc	ctggcgctcg	tgcagagaac	gggagggggg	360
cccttggtct	ggatcctaga	atcggggaag	tctgagggcc	ccctgcagt	ctca	414

<210> 757

<211> 415

<212> DNA

<213> Homo sapiens

<400> 757

ggcacgagca	gccccaggcc	cccgtgctct	ctgccaggag	gtgccttgcc	acttggcatg	60
gccccagtca	cgggtggcac	atctggggtg	aatgcacgtc	agtggaggca	gaatcattct	120
gtctgaatga	atggagtctc	caggccccca	ctggccctct	gtgtgagggt	ctgcagggtt	180
tggcaggaca	ggtctttctc	tccggcgaga	gcaccacccc	tgaccggctg	ctggatgagg	240
gcaccaaagc	tgcctaggga	gggctctgtc	cttatggagg	agctgcggaa	tccctgcagc	300
tgtgccccca	ggcctgacct	tgcacacttt	ctgcagccag	ggcgcccctg	gggaggtcag	360
ggcaggccgg	ggaggctgag	ggccacctgg	catagtgggc	aggcggggga	gccgt	415

<210> 758

<211> 413

<212> DNA

<213> Homo sapiens

<400> 758

cgattcgaat	tccgttgctg	tgcacacac	agggcacata	ttccacgcac	cccacacggg	60
gcaggcagct	cacacagggc	acagacccca	cgcacccccc	acagggcaca	gacccacgc	120
acccacacac	gggcacagac	cccacacacc	ccacacaggg	caggcacctc	acacagggca	180
cagaccccat	gcacccaca	cagggcaggc	acccacacac	gggcacagac	cccacacacc	240
ccacacaggg	caggcacccc	acacagggca	cagacccccc	gcacccaca	cagggcaggg	300
atcccacgca	gggcacagat	cccacgcagg	gcaggggccag	cccaaggcca	agccccttcc	360
ctgtagatct	tctccaggc	aggaccagag	ccacagtcac	ttcacacta	tct	413

<210> 759
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 759
 cggttgctgtc gggtttcccgaggaaatgac aattacctga cgatcacagg gccttcgcag 60
 cccttcctgt caggggcccga gacattccat acaccaagct tgggtgatga ggaatttgaa 120
 atcccaccta tctccttgga ttctgatccc tcattggctg tctcagatgt gggtggccac 180
 tttgatgacc tggcagaccc ttctctttca caggatggca gtttttcagc ccagtatggg 240
 gtccagacat tggacatgcc tgtgggcatg acccatggct tgatggagca gggcggcggg 300
 ctcttgagtg ggggcttgac catggacttg gaccactcta taggaactca gtatagtgcc 360
 aaccacctg ttacaattga tgtaccaatg acagacatga catctggctt gatggggc 418

<210> 760
 <211> 405
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = A,T,C or G

<400> 760
 cggttgctgtc ggatcatttg aagcaaacct cagaaatcac tttattccta aatatttaag 60
 tatgcatctc taacttatta aaattttttt ggttttggtt tttgtttttc tgagacggaa 120
 tttcgctctt gttgcccagg ctggagtgca atggcgcaat cttggctcgc tgcaacctct 180
 gtctcccagg ttcaagtgat tctcctgtct ctactaaaaa acaaaaaaaaa atcanctggg 240
 tgtggtggcg ggggcctgta gtctcaacta ctcgggaggt tgaggcagga gaattgcttg 300
 aacctgggag gtggagattg cagtgaactg aaatcacgcc actgcactcg agcctgggca 360
 actgagcgag actctgtctc aaaaaaaaaa ggccaggctt ggggg 405

<210> 761
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 761
 tttggtattg ccgttattat tgttggttaa ctgactaaaa tcatacatgg aataatagaa 60
 atcaggccta acatcagata gacttttcca ttcagttaag ttattgtgta gcaaaattta 120
 ttttgtcagt tctactacaca atgtgacagt atatagtttc tctaatagag taacattaaa 180
 gaggacatat aatataacca aaaatttgag ttccagataa gtttggtgtc tccactagcaa 240
 gatgacgtta aataactcat ttaatttttt tgaaatctta attttctgtt ctgtaaaaaa 300
 aaaagcaatc tgtctcttgt ccaaaagact atgtagggtt tttaaaaatt ttttattatg 360
 tcatatacat gtgcatac 378

<210> 762
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 762
 cgggaggctg aggcaggaga atcgcttgaa cctgggagggc agaggttgca gtgagccgag 60
 attgcacat tgtgctccag cctgggagggc aagagcaaaa cttcatctca tagaagaaaa 120
 aacccaaact ccagtttagc aaaaaaaaaa aaaaaagctc ccccgcccg gggggagggg 180

tttatggcta	aaatcccaaa	cctttgaaag	gttgggggaa	aaagatacct	ggaccccccg	240
ggtgggaaac	cgccgggcta	taatagggga	tacccgtttt	tttaaaaagt	taagaataag	300
gggggggggg	gggggggatac	cccttagaac	ccgagatttt	ggaaggcccg	ggg	353

<210> 763
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 763						
cgttgctgcc	gaatcgtgat	aaagacaaaag	aactttttaa	attaactcac	tacctcaagg	60
agatagcaaa	attagatgac	tttttggatc	taaatcacaa	atattgggaa	agatatctct	120
caaagaagca	aggacagtag	ttacaagtta	tactggcagt	tattgaagat	acttaagatc	180
caagaacttc	ttgctttttat	gctagaaatc	attatgatag	tgctggacac	tgaagcaaat	240
accatactgc	ttatacttgg	tcttccagtt	ttttgtaaat	ttaattttat	attttttgaa	300
gatgatagca	atatgctaaa	aaatgcttgt	ccccatatatg	aatattctgt	tacgcttgaa	360
aaatattttc	tccagcgttg	gttactgacc	acccaccct	cccac		405

<210> 764
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 764						
ggcacgagag	agtccttagg	tttatcatat	tatcaaggaa	aactgtgacc	caaagaagtt	60
taggaatcac	atacagtgt	gctggctttt	tgtgcttggc	aaatgagtga	caatagaaga	120
aataattttt	cttacacatt	ttaaaacgat	ttctcttcct	tgtgattgaa	gatgaaagga	180
gtaagaaatt	aaggcatttg	tttaatttat	actggcaact	tatttagggg	ggaggggaca	240
tgaaggtagg	taaaataggta	ggcctctaata	tgaaccacct	ctctaagata	tgtacgtata	300
tataagctga	tattgtgttt	gacattctga	aggggtttctt	tttctttttc	cttttttttt	360
tttttggggg	ggggccgggg	gctaaaaact	tttttttttg	acccccggc		409

<210> 765
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 765						
atcattcttt	gaaaactgac	aggaaagata	caacttagaa	aacattgtgg	atgaatactt	60
cccccttttg	caaatagat	tttggaaagca	caaaagaaaa	agctctaata	caaataattca	120
taatgaaaat	atgaacttaa	taataaccaat	ggcaagacag	aataattagg	agaaatcggg	180
taacgagcat	ctctcctatt	tttagtttgt	aagccttttt	tgcttttttt	tttttttttt	240
ttgaaaaaaa	agtttatatt	tttgccccag	aaggccaggg	aattaatttg	gcttaatggg	300
agcctcacc	tccgggggta	aaacattttt	ctggctaaaa	cttccaagat	atttggaat	360
agggggcctc	ccccccccc	g				381

<210> 766
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 766						
cgttgctgtc	ggccccggca	gccgatgagt	gtgactaccg	ggatgaacag	acatgcgccc	60
accagatgat	tgtttaaccg	ggagtattat	aatactgttg	aaagagaacg	ccttgagag	120
ctgctgacag	ctatattaat	tgaatgaggc	tggaaggatc	acgtgaaggc	actctgtaaa	180
gataatgatt	ataaatgata	tgattcgggt	tttgcttttg	cataagaggc	tgttagagag	240
ataggactat	aacacgttac	tgttggtgac	ttgggtggctg	aaatcactcc	aaaaggcaga	300

gccttggtac ctgacagtgt aaagaaggag ctccatacaa gaatatgaac attccttgct 360
cagcatgcca gcctttaaga ttgaattaga ttgggttggt gtggg 405

<210> 767
<211> 381
<212> DNA
<213> Homo sapiens

<400> 767
gcattttgat gtgtagaatc aggggatcca ggatcatcac caaggtcatt ttcccagaca 60
gatgtgctga ggctgtagaa agtgcttttt atttggttgg gagcttgtgc ataaatgcga 120
gaggggctgc acatctgacg gactagaggt gactcatggc tgaaccggaa caggacatcg 180
gggagaagcc agcagagctt gtgtttaaag tcagaattca gaaccccaaa gaaaatgact 240
tcattgaaat tgaactgaag agacaagaac tgagttacca aaacctacta aacgtgagtt 300
gctgtgaact ggggattaaa ccagaacgag tggagaagat cagaaagcta ccaaacacac 360
tgctcagaaa ggacaaagac a 381

<210> 768
<211> 406
<212> DNA
<213> Homo sapiens

<400> 768
cggtgctgtc ggatggctcc ccctatgaaa gttgtccagt gagcagggtc aaggtttatg 60
tttggggtac ggacatgagt gcaggagcct tactctcctg tgtgttgtca gggatggata 120
aaggggatga agttggaggg gtttagtgaa tgggtgggac agcaaatttc agagaagagc 180
atttgaaaat aattttctca aatataatatt tttaaaatcc atatttgatt tttttccctc 240
agggattccc aagcatagta gagctaaaat gaattaattt gggtaaaagt aaagttaagg 300
ctaagttagg aaacactttt aaaaacagga acctgctgcg tgcggtggct cctgccttgt 360
gggccagca ctttgggagg caaaggcggg tggatcacct gagatg 406

<210> 769
<211> 388
<212> DNA
<213> Homo sapiens

<400> 769
agggtactgt ttcttccttt ccaaaggcca caggagagacc ttgtaatctg ctttccagag 60
cctttgggaa agtggatcaac acctgcctt cttaggaaga gccagagaa acagagggct 120
atcccggggg ttttggttat ctgcccttgt ggagttggca gacgtgggct tctgtcttcc 180
ctgctatggc ctcagagctt tagatcctgc tggtttaggg aatttgaatc tttcctgtta 240
gggaaaaatg agtgcttact gtgctttgta gaaatatttt cagaattcat tttctttaaa 300
ttattttcat tgtctttaaa ttatatctaa acaagtatac catagctttc ctgagagggga 360
aaacaatcta tccaacacat tgtgcact 388

<210> 770
<211> 382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 770
cctactaggt caagtgagta ccaaggacag cgtggcaggt gaccatacag acgctgaat 60

aacaggaggc	atgctgcatt	gaggcctacc	tttgaaaaaa	gataccacga	tgctttaaca	120
accgtgggta	atagtgttca	tgcttttgtt	aattgtactc	atgaagtagt	aataaagggt	180
aatattctcc	attggcatta	tcaaataatta	aagtactggc	caggcgtggg	agctcatgcc	240
tgtattgcc	gcaatttggg	aggctgaggc	aggtggatca	ctagagggtta	ggagttcgag	300
accagcctgg	ccaacatggg	gaaaccccg	ctccattaaa	aatacaaaaa	aattaccgag	360
atgtggccag	gcacggtggc	tn				382

<210> 771
 <211> 411
 <212> DNA
 <213> Homo sapiens

<400> 771						
cgttgctgtc	gggctgggtct	tgaactcctg	acctcaggtg	atctgcccgc	ctcagcctcc	60
cacagtgcctg	ggattacagg	gatgagccac	cacgcccggc	ccattttttt	ttttgacaac	120
tttttttttt	ggaaaagggg	tttggtccct	tggccaaaat	gggagggcgg	ggggtaaata	180
aaacttaatg	ggcccagaa	ttcttttggc	ctaaccccc	aaggagttgg	aaacaacggg	240
gggaccctt	aggccgggca	agtttttcat	tttttgaaa	aaaaaggggt	tttttttttt	300
taaaaaggag	tttccttttg	gccccaaaag	gggagggggg	agaccggggc	caacctaata	360
gggagccccc	cccccaaggg	atacccata	tttgggcgca	aaaattaggg	g	411

<210> 772
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 772						
cgttgctgtc	gcacagccca	gccccctcca	gagccctgcc	ccaccgcacc	ctgcttctcc	60
agggcctagc	agaccagcat	ctgccccggg	gaagggatgg	atcagctgtg	ggggtgggtg	120
cagaagggtt	ccacctccta	cctcagcggg	agtcacctag	gaaagatgga	gggattgaca	180
ctattttctc	aataaaatgg	gacttttttt	tttttggggg	gaaacttcct	gttcccaatt	240
gcataaaaaa	cccttttttg	gccaaggtt	cccaaaaatt	tttaaaaacc	ccatttggtc	300
cttttttttg	gttggggggg	gccccaggcc	ttctggaagg	gatttaaacc	gggctgacgg	360
cttgaattaa	agggggggatg	ggaatcccgg	aacaaaaaaa	ccgggaaccg		410

<210> 773
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 773						
ccgccctgcg	cccgggtccc	gcctttccct	gccctctggc	cggctcctct	cccgcggccg	60
tcccgggacc	tgtgccca	cccctggggc	cacgatcacg	ccccagccgc	ccaagtcacc	120
gccccctccc	tcccttcag	cgttcccgc	cgggcgggtg	atggtggctc	cgggtgatgg	180
cggttctcgc	acgcacagcc	gcaggggttt	cctctcctag	actcgaggcg	gaggcgacc	240
tgcacctct	aaaactcccc	cgtcggccct	cgcggactat	cgggaggcgc	ggagggccga	300
gctgacgtgc	gtgcgagcgg	gcgccatgaa	agcgcggagc	cgtcctaggg	ctaagccttt	360
ctttaacagg	gggaggccca	cga				383

<210> 774
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)

<223> n = A,T,C or G

<400> 774

cggtgctgtc	gcaggaagtc	attagcagag	tgattttccag	aaggcgtaga	atttagtgac	60
caaggttctt	tccttttttg	gaggagaaag	tgaaaactag	gatgctcagc	tggacccacc	120
agcctgagat	tctggggatt	ttagagctgt	cccttgggga	gccaagcact	tgggggtgga	180
ggtgatagcg	aggctgatgg	cccctgtgtt	ctcagctctc	tgcttgggta	gcccctgggt	240
gatgggggag	aggccagctg	tcacgtgggg	tatcaggtgg	ctctgccaga	aactcccttg	300
gcacacagag	cactgggtcg	gccctcggtg	gtggctgttt	gggcaggaca	gccctctgta	360
tgtagccttg	agcaggttaag	ggggccacct	tgagtgggtg	gnccagaaan		410

<210> 775

<211> 409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(409)

<223> n = A,T,C or G

<400> 775

cccatcgatt	cgaattccgt	tgctgtcggg	gggatcttgc	aaaatgccga	tttctggcaa	60
ggcatcaggt	gatggtgaag	aaagttttga	gtaccaagag	gtagagtagt	ggttcttaga	120
ctttaaaagc	tggacacccc	caccagtgtc	tttgattcac	ctcactgggt	ggggcctgca	180
gatttcattt	taaacagggt	cctaggtgat	gctaatacac	atgaagggca	gggtgtgttc	240
tgagagccac	tgtggtggag	tagaaacaac	cgaggagaat	caagcccatc	catctcatcc	300
tggcttcttg	agcattatct	cccttttctt	tgnttttgat	ttgagacagg	ggttcaactc	360
gtcactcagg	ctagagtgcg	atggcatgat	cctggctcac	tgcagtctn		409

<210> 776

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 776

ggcacgaggt	tgactgcaga	gtgaaacatc	cttgcaatct	cttcccacct	ccttcacgac	60
actgagttgc	catgtgaggt	tcttcaagtc	tgagagtggg	agggatccct	atggagactc	120
ctattaaacc	cctattagag	gaagagattg	agagacctag	caatgtgaag	taacaaagat	180
caggcagctg	caagtgactc	ctgaatcttg	agtccagggc	tttcgccact	acagtacagt	240
ggttttcttt	tctttgggtc	gggagagtgg	gctggaatgg	agagtgaggc	ccacaaatta	300
cctgcagaga	cgtggaggcg	tgaggagagaa	catgcttggt	aaatatgcag	gtagattagg	360
agacacccaa	cagagattca	gacacagtaa	ggctgggatg	agatcctn		408

<210> 777

<211> 408

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(408)

<223> n = A,T,C or G

<400> 777

cggttgctgtc	ggaacagcac	tgctgggctg	gagacggcgg	gagccgctgc	tctccggctg	60
agggaaacag	agacagctcc	gtccctagt	gagcgcagg	gaggcagaag	tcatgacagg	120
cgaggtgggt	tctgaggttc	acctagaaat	caatgaccca	aacgtcattt	cacaagagga	180
agcagatagt	ccttcagata	gtggacagg	cagctatgaa	acaattggac	ccttgagtga	240
aggagattca	gatgaagaga	tatttgtaag	taagaagttg	aaaaacagga	aggttctaca	300
agacagtgat	tccgaaacag	aggacacaaa	tgctctcca	gagaaaacta	cctatgacag	360
tgccgaggag	gaaaataaag	agaatttata	tgctgggaaa	aatacaan		408

<210> 778

<211> 405

<212> DNA

<213> Homo sapiens

<400> 778

cggttgctgtc	ggctctgagg	ggctccttgc	cagggctgtg	gtccaggcgg	cctcggcccc	60
cctggggctg	tggacaggag	ctctggctgt	cctacgtagc	ttgtggagcc	gctggggctg	120
cagccaccgg	atctgtctcc	gggtgcacct	agctcagccc	ttttccctgc	aggaatacat	180
cgtcagtgcc	agaagctgct	ggggcggcag	acagacctg	gagcagctac	tgacagccat	240
cgtgctgggc	caatgtactg	ctgtcccaga	cactgagaag	gagcaggagt	ggacccccat	300
aactgggect	ctcctggccc	tcaaggaaga	ggaccagctc	ctggtcagga	gactgagctg	360
tcatgtcctg	agtgccagt	tagggagctc	tgcggtgatg	agcac		405

<210> 779

<211> 406

<212> DNA

<213> Homo sapiens

<400> 779

ggcacgagag	caccggcggt	tgcatttttg	gccagtcgcc	tttgcccgg	ccccccgggt	60
gccccatcac	tggctctctac	aacaagagtc	cctactactg	cgggacttgt	ggccgctggg	120
tccgcgccat	ggcgggcttg	cgactgcatc	agcgggtcca	tgcccagagc	cggactttga	180
cgctacagcc	tcccagatca	ccatctctg	ccccaccccc	acctccagag	cctcaacaga	240
ctatcatgtg	cacagagctg	ggggagacca	tcgccatcat	tgagacatcc	cagccactgg	300
cgcttgagg	caccctgcag	ctgtgccagg	ctgcacttgg	ggccagtgaa	gcaggcgggc	360
tcttgagat	ggacacggcc	ttcgtgtgac	gccaaactaaa	agcaac		406

<210> 780

<211> 411

<212> DNA

<213> Homo sapiens

<400> 780

cggttgctgtc	gocgccgcta	ccgtttcgag	ggcgaggggtg	acatacagcg	tttccagcgg	60
gactttgtgt	cccgcctgtg	gcttcacata	ccgcggggac	ttcccgcgcc	ttcctggggg	120
ctgcctgacc	tgggactgcg	gctgggggtg	catgttactc	agcggccaga	tgatgctggc	180
acagggcctt	ctgctgcatt	tctgccccat	agactggaca	tggtccgagg	gcatggteet	240
gggccccctt	gagctgtcag	ggtcagcctc	tcccagccgt	gaccatgggc	ctgcccgcctg	300
gatgccccca	cgctgggccc	agggtgcccc	tgagctggag	cacgaacgcc	ggcaccggca	360
gattgtgtcc	tggatcggcg	accacacacg	ggccaccttt	ggcctactcc	c	411

<210> 781

<211> 407

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 781
 cgttgctgtc gcttttccca ctgaaacaca cccaagtata tgcccagcct tcatgaaagt 60
 gaacagagaa acgaagcgcc tttatgtggg tggccttagc caggacattt ctgaggcaga 120
 cctacaaaat cagttcagca gatttgagga agtttcggat gtggagatca tcacacggaa 180
 agatgaccaa ggaaaccac agaaagtttt tgcatatata aacatcagtg tagcagaagc 240
 ggacctgaaa aaatgtatgt ctgtttttaa taaaacaaaa tggaaagggtg gaacattaca 300
 aattcaacta gcaaaagaaa gctttctgca cagattggcc caagagagag aagcagcaaa 360
 agctaagaaa gaagaatcaa caacaggtaa cgccacactc gttagan 407

<210> 782
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 782
 ggcacgagac catggcgctc ctcttcaaga agaaaaccgt ggatgatgta ataaaggaac 60
 agaatcgaga gttacgaggt acacagaggg ctataatcag agatcgagca gcttttagaga 120
 aacaagaaaa acagctggaa ttagaaatta agaaaatggc caagattggg aataaggaag 180
 cttgcaaaagt tttagccaaa caacttgtgc atctacggaa acagaagacg agaacttttg 240
 ctgtaagttc aaaagtact tctatgtcta cacaacaaa agtgatgaat tcccaaatga 300
 agatggctgg agcaatgtct accacagcaa aaacaatgca ggcagttaac aagaagatgg 360
 atccacaaaa gacattacaa acaatgcaga atttccagaa ggaaa 405

<210> 783
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 783
 cgttgctgtc ggggctgcag cggcgctgtc tttatttgaa cgacgtgaaa attacttttc 60
 ccactgaaac acaccaagt atatgccag ccttcatgaa agtgaacaga gaaacgaagc 120
 gcctttatgt ggggtggcctt agccaggaca tttctgaggc agacctaca aatcagttca 180
 gcagatttgg agaagtttgc gatgtggaga tcatcacacg gaaagatgac caaggaaacc 240
 cacagaaagt ttttgcata atcaacatca gtgtagcaga agcggacctg aaaaaatgta 300
 tgtctgtttt aaataaaaaca aaatggaaag gtggaacatt acaaattcaa ctagcaaaaag 360
 aaagctttct gcacagattg gcccaagaga gagaagcagc aaaagg 406

<210> 784
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 784
 cgttgctgtc gaaacttgct gtagaagaaa ccaaagggga acttctgttg caactatgtc 60
 gtttgaaga tgctgcagat gtttatagag gattgcaaga gagaaatcct gaaaactggg 120
 cctattacaa aggcttggaa aaagcactca agccagctaa tatgttagaa cggctaaaaa 180
 tttatgagga agcctggact aaatatccca ggggactggg gccagaagg ctgccgttaa 240
 actttttatc tgggtgagaag tttaaagaat gtttgataa gttcctaagg atgaatttca 300
 gcaagggttg cccaccagtc ttcaatactt taagatcatt atacaaagac aaagaaaagg 360
 tggcaatcat agaagagtta gtagtaggtt atgaaacctc tctaaaag 408

<210> 785
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 785
 cggttgctgtc ggaaaagcag atttgtgata aacttgctgt agaagaaacc aaaggggaac 60
 ttctgttgca actatgtcgt ttggaagatg ctgcagatgt ttatagagga ttgcaagaga 120
 gaaatcctga aaactgggcc tattacaaag gcttggaaaa agcactcaag ccagctaata 180
 tgtagaacg gctaaaaatt tatgaggaag cctggactaa atatcccagg ggactggtgc 240
 caagaaggct gccgttaaac tttttatctg gtgagaagt taaagaatgt ttggataagt 300
 tcctaaggat gaatttcagc aagggttgcc caccagtctt caatacttta agatcattat 360
 acaaagacaa agaaaagggtg gcaatcatag aagagttagt agtaggtt 408

<210> 786
 <211> 409
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 786
 cggttgctgtc ggccccgccc aggcggctgc ccgtgacctg cctgggcgcg gggaactgaa 60
 agccggaagg ggcaagacgg gttcagttcg tcatggggct gtttggaaag acccaggaga 120
 agccgcccga agaactggtc aatgagtggc cattgaagat aagaaaggaa atgagagttg 180
 ttgacaggca aataagggat atccaaagag aagaagaaaa agtgaaacga tctgtgaaag 240
 atgctgccaa gaagggccag aaggatgtct gcatagttct ggccaaggag atgatcaggt 300
 caaggaaggc tgtgagcaag ctgtatgcat ccaaagcaca catgaactca gtgctcatgg 360
 ggatgaagaa ccagctcgcg ggcttgcgag tggtctggttc cctgcagan 409

<210> 787
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 787
 cggttgctgtc gggccccgcc caggcggctg ccctgacctg gcctgggcgc ggggaactga 60
 aagccggaag gggcaagacg ggttcagttc gtcattggggc tgtttggaaa gaccaggag 120
 aagccgcccga aagaactggc caatgagtgg tcatgaaga taagaaaggaa aatgagagtt 180
 gttgacaggc aaataaggga tatccaaaga gaagaagaaa aagtgaaacg atctgtgaaa 240
 gatgctgcca agaaggcca gaaggatgtc tgcatagttc tggccaagga gatgatcagg 300
 tcaaggaagg ctgtgagcaa gctgtatgca tccaaagcac acatgaactc agtgtcatg 360
 gggatgaaga accagctcgc ggtcttgcca gtggctggtt ccctgcagan 410

<210> 788
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 788
cccatcgatt cgaattccgt tgctgtcgag attagtgccca ttggaagggg catatgtgtg 60
ttgctgggta tttccctgga ggatacgagc aaggaactgg aacacatggg ccgaaagatt 120
ctaaacctgc gtgtatttga ggatgagagt ggggaagcact ggtcgaagag tgtgatggac 180
aaacagtacg agattctgtg tgtcagccag tttaccctcc agtgtgtcct gaagggaaac 240
aagcctgatt tccacctagc aatgccacg gagcaggcag agggcttcta caacagcttc 300
ctggagcagc tgcgtaaaac atacaggccg gagcttatca aagatggcaa gtttggggcc 360
tacatgcagg tgcacattca gaatgatggg cctgtgacca tagagctgga 410

<210> 789
<211> 406
<212> DNA
<213> Homo sapiens

<400> 789
ctaggacgtc gctgctcttc agcacgaaga agaggaattt cttgttgaag tcgcagagct 60
tccagaagag aactagcagc tcctgggtgga actggatctt cttgggtggag ttaggcaggt 120
aggtctggag caggggggttg gacagcagcc gggctatacc cttgaggatg aactggaagt 180
cctcctcagc atggatgcgg gacaggtagt tcacaaacag gttctcaggg cctggaggat 240
cagcatcatc catggcggtg ccagtgggtg tgccgtccac agtggggctg gcaactgctg 300
cactgtcgtg gtccaaagtg acaatgagca cctgggcagc ctccctccacc aggggttccc 360
ggtagtcaga gaagagcagg tggttgtagg ggatcccgtg gcccat 406

<210> 790
<211> 409
<212> DNA
<213> Homo sapiens

<400> 790
attcgaattc cgttgcgtgc gggaggccgg gggagacttg gccggcgagg gacgagcgtg 60
ttggcgagc agagcgtccg cacacagcac ttgcgggacc tacaggatcat cgccgcctac 120
cggaacgca cgaaggccga gagcatcgcc agcctgctga gcctggccat caccacggag 180
cacacgctcc acgccacgct ggggggtcgcc gagttctttg agtttgtgct taagaacccc 240
cacaacacac agcacacggt gactgtggag atcgacaacc ccgagctcag cgtcatcgtg 300
gacagtcagg agtggaggga cttcaagggt gctgtgggcc tgcacacacc ggtggaggag 360
gacatgttcc acctgcgtgg cagcctggcc cccagctctt acctgcgcc 409

<210> 791
<211> 412
<212> DNA
<213> Homo sapiens

<400> 791
ggcacgagcc tgggcattta taccttcacg aagcgggtag ccttggagga gatggagaat 60
aagccccgga aacagcaggg ctacagcacc gtgtcccact tcaacattgt gcactacgac 120
tgccatctgg ctgccgtcag gttggctcga ggccgggaag agtgggagag tgccgcctg 180
cacaatgcca acaccaagtg caacgggctc cttccggtct ggggacctca tgtccctgaa 240
tcagcttttg ccacttgctt ggcaagacac aacacttacc tccaggaatg tacaggccaa 300
cgggagccca cgtatcagct caacatccat gacatcaaac tgctcttcct gcgcttcgcc 360
atggagcagt cgctcatcgc atacactggc ggtggcgggc gggagagcaa ca 412

<210> 792
<211> 369
<212> DNA
<213> Homo sapiens

<400> 792

tgagcaagga	tggggctggg	gcgagagggg	gaacaggacg	gagctggcct	ccagctcctc	60
atggtgcaga	tctgcgaggc	acacatgacc	cgcagtgtcc	ccaggtgacg	cctcattagg	120
aagtgggaga	tacatacagg	ttagcaaacc	tgggcctgca	ggcatgtcc	ttttccgtgt	180
gtcctgtgag	tgaagaatgg	ttttacatta	ttttttat	tagtttttg	agacaaggtc	240
tactccatc	gcccaggctg	gggtgcagtg	gcatgatctc	ggctcactag	agtctctgcc	300
tcttggctcc	aagtgatcct	cccgcccttag	cctccctagt	agctggcact	acaggtgcgt	360
gccaccatg						369

<210> 793

<211> 404

<212> DNA

<213> Homo sapiens

<400> 793

cgttgctgtc	ggtgcagtgg	cgggatctcg	gtcactgca	agctctgcct	ccccctgggt	60
tcacgccatt	ctcctgcctc	agcctoccaa	gtagctggga	ctacaggcgc	ccgccactac	120
gcccggctaa	ttttttgtat	tttttagtaga	gacgggggtt	caccgtttta	gccgggatgg	180
tctcgatctc	ctgacctcgt	gatccgcccc	cctcggcctc	ccaaagtgt	gggattacag	240
gcgtattcat	gaacttttac	atgaatgagt	aaggacattg	aaagatgcat	gagatgatgc	300
atacatcttt	gtggttgact	tatcattgca	tgatgcatga	cgtacatgtt	cagagtaata	360
ttcttctgca	ttatagttag	agaaaaatct	tggattttag	taat		404

<210> 794

<211> 401

<212> DNA

<213> Homo sapiens

<400> 794

tcgaattccg	ttgctgtcga	gcacacttgc	acctatttga	cttaggtcct	ttcacaaaaac	60
tgttcctgtg	aaagcatttc	ctgcttttct	tcagacgggt	tctctagagg	acttttctaaa	120
gaaaattcag	cgagtggatt	ttgatataatt	ccaccatct	ttacagcaga	agaatacatt	180
acttccatta	tatttggata	ttcagtcagt	gagaaaaaca	tattaaaata	atttcatggc	240
cctgatgtta	attctagtct	attagtttta	taaaagctag	gattcttatt	taggaacacc	300
agaaatgact	ggtacgaaaa	aatgaattta	ttgatgggaa	ggcacgagct	cacaaattga	360
taacttgcgc	ggactaggtg	ccaaacgggtg	aaatctggcc	a		401

<210> 795

<211> 402

<212> DNA

<213> Homo sapiens

<400> 795

cgttgctgtc	gcagaagatc	atgtgagccc	aggagttaca	gactgcagtg	agctatgatt	60
gcactgatgc	actccagcat	gggcaagagc	aagacottgt	ttctaaaaaa	taggtagtgg	120
tatattcata	ttctggaata	gtgtaaaaaa	tgaaaaactg	aagataaata	tatgaagaca	180
agtcctcaa	atacttctga	atgaaaaaaa	ttgcaaacat	gaatctcaa	aacatgctga	240
gtgggccggg	catggttagct	catgccggta	atcccagcac	ttagggaggc	cgagttgggc	300
agataacact	tgaggtcagg	agttcgagac	cagaccagcc	aacatggtga	aacccaatct	360
ctactaaaaa	tacaagaaaa	aaatcctaac	tactcgggac	gg		402

<210> 796

<211> 372

<212> DNA

<213> Homo sapiens

<400> 796

ttcaccatgt	tgaccaggct	ggtctcaaac	tcttgacctc	aggtgatcca	cccttctcgg	60
------------	------------	------------	------------	------------	------------	----

ccttcacagag	tgctgggatt	acaggagtgga	gccaatatgc	ccatcttgctc	ttttctttat	120
aaaccaccca	gcctcaggta	tttctttata	gcaacgcaag	aacagactaa	cacacttccc	180
ttccaggatc	tttcagagca	cgtcaagccc	ctgttataga	ttcttgagct	cccacatttc	240
tccttcaaag	taattattcc	aatcacacta	aataaataat	aactgtgaat	tatttgcttg	300
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gcggtggctc	ac					372

<210> 797
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 797						
ccccacaga	ggctggagag	ggcagacggg	cctagatgag	cctagacgct	gggtcccacc	60
agtccccaa	agccagatgt	tcctgttctc	acctgggtgt	gtgagatttt	ttgtttcatt	120
atgctcctta	caaggcgaag	ctgtgtgaac	cgtgagcgtg	agctctgggc	caggctccat	180
ggcccttcta	aggaaaaggc	cccttaggac	acctctgggc	tgtgaggctt	ccccggcttc	240
ccctctgggc	ttggaggaag	tagggtaggt	cctcagccac	tctgctgagg	ggcaaaggaa	300
ccagggtatg	aacaggaaaa	cagaggccca	aagagtggct	gcagattcag	gtgattcctg	360
gggcttgggg	ga					372

<210> 798
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 798						
agggttacag	gtacctgcc	ccacaccag	ctaatttttg	tatttttagta	gagacggggt	60
ttcaccatgt	tgccaggct	ggtcttgaac	tcctgacctc	aggtgatctg	ccgcctcgg	120
cctcccaaag	tgctggggtt	acagggtgta	gccaccgtg	cccggcctct	tttttttttc	180
gtacaatggc	ccattctgtt	gccccggacg	acattcgatg	ccctgtttta	cagttctttg	240
cctccacttt	ctgctagtgt	tttgtttttg	tcagcctccc	ccctgcccga	gagaatataa	300
tatagtttgt	tccgcacccg	cgaaccata	actccctttt	atttggttgc		350

<210> 799
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 799						
ggcagagcc	ctgggccaca	tttgaagaag	aattttcttg	ggccacataa	aatacactaa	60
cgatagctga	tgagctaaaa	aaaaaaaaaa	gcgggggaat	aattttgggg	atatctgccc	120
ccacaaataa	acaaaaaagc	ccttgctttc	aaagggtgga	aaattgctgc	tttgagggct	180
gggaacctgg	ggggaacctt	ctactccctg	ggccttagtc	tcccaaattc	accatgcttt	240
tgcccttttg	aggggggtct	cactttgtct	ctggcatcta	acatggggcc	tggggcatag	300
ggagcatgca	ataaatatct	ggcaggggag	gggatggata	aatggatagg	ggaatgtagg	360
gggacagggg	actgggggga	tggtgnggcc	tctgaaaaac	cc		402

<210> 800
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 800
 aaaaaacaat aaaataaaaa ttataaaggg ggggcgtttt tttcgtgata ccaaaacggg 60
 aaaaaacctt ttggggggtg ggcgaccccc cctctttagg ggcggggaaa aaagggtttt 120
 tttttgtgaa ttttgagcct cttcttcttt tttgtgcccc cttacgtggt ggcgataagg 180
 atctgtgtct ccaccgggc gtgcttcttt tattgcgttg ctctttgcgt gtgcct 236

<210> 801
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 801
 gtccgaccgg ggcaagatgg catcggcgct ggcgctgctg tgttgagtgt tcgggacgcc 60
 ggctgcagg cgccatgggc ttccctcaccg cgcagctctg gctgcggaat cgcggttaccg 120
 accgtactt t 131

<210> 802
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 802
 cgttgctgtc gtgaatttgt agctccattt acatggatcc attgccccag ctactggagt 60
 atagcctaca atgtttattt cagtcaatat tcctttatct ggggtgttctg tacaatgttt 120
 attacaggca atattccttc atctggatgt tctgtgaaga tagccatggt tatgggggtc 180
 ttagttttca aactctggca actctgtgaa aaataggagc aaactagaga gccctggaga 240
 ttggtagtag ggaaggagg atagcaggaa gtttgaaaaa ttatcagccc cggggcctaa 300
 aggaatcagc tgtcatcatt ttcattcatta ttattttggt taggatggct tgaaaatcac 360
 aacgtatctt ggtttacgta attgaagtct tacagaag 398

<210> 803
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 803
 tatagaaatg ctactggctg ttccctgagtt ttagttttta attactgtca atcattcctc 60
 agtgggtccca tgcacagtc ccctgctgca gggaggccag ctccctctggg cctcgtggag 120
 taacgggtgtt gcttagccca taccctcctg gacaagtgtt ttgggtcttc cctttaccgg 180
 taaagtgttg caaacgtagt ctatcgagtt tgttctatct catctgttct gtttacgaaa 240
 ctgtaacttc atataggact gccttagggc tgaagtaaat aaactgtcaa cctaactaaa 300
 acataaaaaca ggccggggcgc ggggggtcac gcctgtaatc ccaccctttg ggaggacgag 360
 gcgggtccaac 370

<210> 804
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 804
 atgaaactct ggatgaataa gagaacagaa aatgcctgat aaattcagat tttcaaagga 60
 catgtacagc ttttttagtca aagaggcaca gtttattcaa gtaaataaaa cttatattct 120
 caggataact aagattttatt tagttagact gagcattcca aattatttat tccacttatg 180
 ttaattcaca cagggaagac tgaggctcag ggggtgctaga tgactgggta agctttotca 240
 gtgacacagc catgacgaca gccaaagttt tctaattttt ggtccaggcc tctctctaac 300
 acatcagtga cttctaaaca atcatttgag aattccgagg tgatccttgg tgcaccccat 360

tcctcaccat ccaa

374

<210> 805

<211> 370

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(370)

<223> n = A,T,C or G

<400> 805

tgaccttttg	atcccatcat	gggactgttc	cccagcccta	ggccactgga	atgggggggaa	60
atagaaccct	cctttccttg	ttcccactct	tgtttctttt	gaacatgggt	tacctccctt	120
cgggtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgccaggtc	tctctcccat	cgcccttttg	360
gcctncgggn						370

<210> 806

<211> 373

<212> DNA

<213> Homo sapiens

<400> 806

aagaagctag	taatagtcta	gcttccactg	ctatctgccc	gagcttcagc	gattccaccc	60
cctcaggggc	cacacctccc	tgcaggctcc	atttctggga	aaagccggca	atctatgtct	120
tttggaaata	ctccctgagc	tcccaaaatg	ggtttggaag	gagctatata	tagctttcta	180
tacattggtc	tctatcatct	tataggataa	taaaggagat	aattcatgca	cacaaataac	240
tatatgtaat	gttacattta	gggaaataca	ataatttcac	tgtccttgcc	ttaggatttc	300
catttaagta	ggcagagatc	cctgggggaca	ggaataatct	gggttcacaa	aagggtgaca	360
cctggccggg	ggg					373

<210> 807

<211> 374

<212> DNA

<213> Homo sapiens

<400> 807

tgcaatgttt	tgtagggcca	gaattatttc	acacacataa	gtatgatttt	ccccaaccag	60
accacaagct	cttcaagggt	aacaacaccc	tcgcccacc	ccctccccct	caaacaattc	120
ttctgctctc	ctagagcaga	ctttgatcta	aattggatct	aaattgactc	gaaatgtcag	180
gaaaaagaga	ttaatgcaca	aggctccctt	ctctgagaga	agggtgtgata	gagcagagct	240
taagcctggg	tgggaaatga	aactgcccac	cactctctcc	accccgccct	ggctctccga	300
gggtgacagg	tgggacgctg	aagagagctg	ccctcctggt	cccggcctcc	atgtgaacag	360
cctcctccca	aatc					374

<210> 808

<211> 370

<212> DNA

<213> Homo sapiens

<400> 808

ctggggccac	tgcaaacagc	aaaatcacca	aaaagagcac	aaaaacgcaa	accccgaggc	60
tctcgctaga	cagtaatgag	ggcgtggtcc	acctaggagg	ggaaacgggg	aggcggagcg	120

tggcctgggc	tcagggaacg	cacgtccatg	actctaattt	cttgtctctc	tctgcgtgtc	180
caaggataag	agggaaagta	ccccaggcat	tgattttggg	ttcacaaata	cacacctagc	240
cggcgaattc	gcaaatacgg	actccgtgaa	tgacaaaggg	gactacagta	caaaccacgc	300
ctgtccctcg	cgccccctag	gtgctgaggg	cctggccgtg	gcaggaagga	aaaggaccgc	360
tcagaccct						370

<210> 809
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 809						
cgttgctgtc	ggggagatgg	agctgtttta	ctcagtgtgt	gagtgtgtgt	gcgcgtgcat	60
gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtctgtctgt	ctgtctctct	cctcctggac	120
ccagggcacc	caagggcagg	gataggcgca	gtggtcatat	gaagcagcgc	cagagagggg	180
acctcccagc	tcttatttgc	acctcccca	cctcaccaac	tttggctcct	ctctgggggc	240
atgaatggtt	aacacacacc	agagcagtac	tccaatattg	gagagtctct	gggggcacag	300
ggctttgaat	caggggagta	tctgtccttc	cctccctga	ccccacatgg	tctcagggcc	360
cccttagggc	cccctaccca	ctgatagctt	tctcct			396

<210> 810
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 810						
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aaacatgact	cttaaagatg	gtaaaaacaa	tgtagccata	gctgtaacgt	ataaccatga	120
tgggtcttat	agcatgcaga	ttgaagataa	aactttccaa	gtccttggtg	atctttacag	180
cgagggagac	tgcacttacc	tgaaatgttc	tgtaaatgga	gttgctagta	aagcgaagct	240
gattatcctg	gaaaacacta	tttacctatt	ttccaaggaa	ggaagtattg	agattgacat	300
tccagtcccc	aaatacttat	cttctgtgag	ctcacaagaa	actcagggcg	gccccttagc	360
tcctatgact	ggaaccattg	aaaaggtggt	tgtcanagct	ggag		404

<210> 811
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 811						
cgttgctgtc	ggaccgacac	tttactctt	caggcacatg	atcaattctc	tccattttcg	60
tctagcagtg	gaagaagact	gaatatctcg	tataccagaa	acatgactct	taaagatggg	120
aaaaacaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggctcttatag	catgcagatt	180
gaagataaaa	ctttccaagt	ccttggtaat	ctttacagcg	agggagactg	cacttacctg	240
aatgttctg	ttaatggagt	tgctagtaaa	gcgaagctga	ttatcctgga	aaacactatt	300
tacctatttt	ccaaggaagg	aagtattgag	attgacattc	cagtccccaa	atacttatct	360
tctgtgagct	cacaagaaac	tcagggcggc	cccttagctc	c		401

<210> 812
 <211> 372
 <212> DNA
 <213> Homo sapiens

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<400> 812
cagaaagctt cattaaaacc agtaaagaca tcaagacaat gtaactactg attattacat      60
gaagctaate tgaagtacaa tcttagatac aaaataagac atagaagtaa tgagtgcaga      120
aggagtaaac agtgaacgta ggtggggggt gctaggtaac aaatatcaat actgactaat      180
actggcatgg tttatgtgta gttaaaaatt ttaagttaac tatgttcata atcaccctaaa      240
ccactggaag gggggaaaaa ggaaaattag aaaacttcat ctattcaacg gacatggaaa      300
atggaatttt aaaaaatttc aaaattctgg ttaatgcaaa ctaggatgct aaatagaagc      360
ccccaattat ct
372

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<210> 813
<211> 367
<212> DNA
<213> Homo sapiens

```

```

<400> 813
agttcccaaa cctaggcctc agtcctatcc ttcaaaaaaa caagccgaac tttgttttct      60
gtttgccaaag gaaagggatt agtgtgtctg caccaagaaa agtaattctt ttccatacaa      120
aaaaggatag gtactatatt ccaatcaagg taacaaacca gtgggctaaa aaagaattgc      180
cttttaattg tgaaaacatt tctgatctt ttaaaaaaag aaatctacgg gaagtataaa      240
ggcaatcagg taataaaactc attgaaaatc agttatagta ttagcaaaaag tttacagtgg      300
ttggctttgt cacatagtca tagtttgtgg gagaatcttg acctattttg atgctgtaaa      360
tacttgg
367

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<210> 814
<211> 404
<212> DNA
<213> Homo sapiens

```

```

<400> 814
cgttgctgtc ggggatgtgg cgcctttttc cgctcgccct cgcgcccccc ccgccccgcg      60
cagctaaatt ccggcggagg ggcgagctgg caggccggct cctcccactc tgggcagcgg      120
ggtcccgcgt cccctcccc actatttggc agcgtctggg ggtctggggc agcttcgttc      180
attcacccgg gggagttggg tttccgggaa gggtcggaag ctctccctc gcttcctggt      240
gggtaattgg gtggtgcctt tgactccggg ggtggaaaag cgacccaca ttcaaggacg      300
ccaatggcat gttgagcttt cccaatctaa accaggtgcg tggagggaag caagtgttta      360
ctcccagctt gaaccctgag cagcgggtct ctaactttag agcg
404

```

```

<210> 815
<211> 396
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

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<400> 815
cgttgctgtc gccgggatgg gatgtggcgc ctttttccgc tcgcctcgc gcccccccg      60
ccccgcgcag ctaaattccg gcggaggggc gagctggcag gccggctcct cccactctgg      120
gcagcggggg cccgcgtccc ctccccact atttggcagc gtctgggggt ctggggcagc      180
ttcgttcatt caccggggg agttgggttt ccgggaaggg tcggaagctc ctccctcgct      240
tcctggtggg taatgggggt gngcctttga ctccgggggt ggaaaagcga cccacattc      300
aaggacgcca atggcatgtt gagctttccc aatctaaacc aggtgcgtgg agggaagcaa      360
gtgcttactc ccagcttgaa ccctgagcag cggttg
396

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<210> 816
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 816
 gagcatatta tcaaggtcaa aggcagcgtg ataagtacct gacaattctg aaagctgtta 60
 aagtgccttca ggccagtttt agaggagtaa gaggtagacg gactcttata aagaagcaga 120
 ctgcagcgac actcatttag tcaaactaca gaagatacag acagcaaaca tactttaata 180
 agttaaagaa aataacaaaa acagtacagc acagatactg ggcaatgaaa gaaagaaaca 240
 tacaatttca aagggtataac aaactgaggc attctgtaat atacattcag gctattttta 300
 ggggagagaa agctagaaga catttaaaaa tgatgcatat agccgcaact ctcattcaga 360
 ggagatttag aactctaata atgagaagaa gattcctcg 399

<210> 817
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 817
 ggcacgaggg accggggccga gccggggccgc ccggggcgcag tctttaacca tggcgctcct 60
 cttcaagaag aaaaccgtgg atgatgtaat aaaggaacag aatcgagagt tacgaggtac 120
 acagaggggct ataatcagag atcgagcagc tttagagaaa caagaaaaac agctggaatt 180
 agaaattaag aaaatggcca agattggttaa taaggaagct tgcaaaagttt tagccaaaca 240
 acttgtgcat ctacggaaac agaagacgag aacttttgct gtaagttcaa aagttacttc 300
 tatgtctaca caaacaaaag tgatgaattc ccaaataag atggctggag caatgtctac 360
 cacagcaaaa acaatgcagg cagttaacaa gaagatggat 400

<210> 818
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 818
 ggcacgaggt tcgatgtgac ggagcgcttt gtcctccaca gacaccagac aggccggacc 60
 tgccacaagt gtgggaccca gctgcgggac accattgtgc actttgggga gagggggacg 120
 ttggggcagc ctctgaactg ggaagcggcg accgaggctg ccagcagagc agacaccatc 180
 ctgtgtctag ggtccagcct gaagggttcta aagaagtacc cagcctctg gtgcatgacc 240
 aagcccccta gccggcggcc gaagctttac atcgcgaaacc tgcagtggac cccgaaggat 300
 gactgggctg ccctgaagct acatgggaag tgtgatgacg gcatgaggct cctcatggcc 360
 gagctgggct tggagatccc cgctatagc agggggcagg atcc 404

<210> 819
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 819
 ggcacgaggt ctatcatata ctatccaaat gaagtcatg tcaaagttca cgctgccagt 60
 gtaaactcta tagacgttaa tatgagaagt ggttatggag ctacagcttt aaatatgaag 120
 cgtgatcctt tacacgtgaa aatcaaagga gaagaatttc ctctgactct gggtcgggat 180
 gtctctggcg tggatgatgga atgtgggctt gatgtgaaat acttcaagcc tggagatgag 240
 gtctgggctg cagttcctcc ttggaaacaa ggcactcttt cagagtttgt ttagtgcagt 300
 gggaatgagg tctctcacia acccaaatca ctactcata ctcaagctgc ctctttgcc 360
 tatgtggctc tcacagcctg gtctgctata aacaaagttg 400

<210> 820

<211> 398
 <212> DNA
 <213> Homo sapiens

<400> 820
 ggcacgaggc atggctttcc ctgagcctta gccgcggcct ccagagctgc cgcagaaacg 60
 gttgaagacg ctggactgcg ggcagggggc agtgcgagcc gtacgattta atgtggatgg 120
 caattactgc ctgacgtgcg gcagtgacaa gacgctgaag ctgtggaacc cgcttcgggg 180
 gacgctgctg cggacgtaca ggggccacgg ctacgaggtg ctggatgcgg cggctcctt 240
 tgacaacagt agtctctgct cggcgggcgg ggacaaggcg gtggttctgt gggatgtggc 300
 atcagggcag gtcgtgcgca aattccgggg ccacgcaggg aaggtgaaca cggtgacgtt 360
 taatgaagag gccacaggta tcctgtccgg ctctattg 398

<210> 821
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 821
 ggcacgagga gccatgcbag cagctcgttc ccttggagaa agaactgtga cagaactgat 60
 attacagcac cagaaccctc agcagttgtc tgccaatcta tgggcccgtg tcagggtcgc 120
 aggatgccag tttttagggc cagctatgca agaagaggcc ttgaagctgg tgttactggc 180
 attagaagat ggttctgccc tctcaaggaa agttctggta ctttttgttg tgcagagact 240
 agaaccaaga tttcctcagg catcaaaaac aagtattggg catgtggtgc aactactgta 300
 tcgagcttct tgttttaagg ttaccaaag agatgaagac tcttccctaa tgcagctgaa 360
 ggaggaatth cggagttatg aagcattacg cagagaacat gaa 403

<210> 822
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 822
 cggtgctgtc ggcggtggga gcgatgaggg tctgagacgg tgggagcggg tgtgtgaaga 60
 tggagtttcc cggaggaaat gacaattacc tgacgatcac agggccttcg cacccttcc 120
 tgtcaggggc cgagacattc catacaccaa gcttgggtga tgaggaaattt gaaatccac 180
 ctatctcctt ggattctgat ccctcattgg ctgtctcaga tgtgggtggc cactttgatg 240
 acctggcaga cccttcctct tcacaggatg gcagtttttc agcccagtat ggggtccaga 300
 cattggacat gcctgtgggc atgacctatg gcttgatgga gcagggcggg gggctcctga 360
 gtgggggctt gaccatggac ttggaccact ctatag 396

<210> 823
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 823
 cggtgctgtc ggcagaagga accgcccag ccatatcaag tcgagtcccg gccgctcacc 60
 atgttccggg acattggcca gcaactgcag gccacctgta cctccctggg gtccagcatt 120
 caaggcctcc ccaccaatgt gaaggaccag gtgcatcatg cccgccgcca ggtggaggac 180
 ctccaggcca cgttttccag cattactcc ttccaagacc tgtccagcag catgctggcc 240
 catagccgtg agcgtgtcgc cagcgcccg gcaggccctgg accacatggg ggaatatgtg 300
 gcccagaaca cactgtcac gtggctcgtg ggaccctttg ccctggaat cactgagaaa 360
 gcccggagg agaagaagta gggggagagg agaggactca gcg 403

<210> 824
 <211> 393

<212> DNA

<213> Homo sapiens

<400> 824

cgttgctggc	ggtaaaatat	cattttatct	catactgtta	gtaggagctt	cttaactact	60
acccattctt	aactttaaga	agcatagaat	ttaaaatata	gaacgaccgc	ttgtatggcc	120
tggatctggg	cacttaacct	tactaagttt	atctcgtgta	aactgacctt	gctaactcac	180
gtgaggctta	aataatacaa	tgtggaagac	ttcagggcac	atttttgggt	ttttggtttt	240
tgtttgtttt	ttgagacggt	gtctcactct	gtcgcccagg	ctggagtcca	gatgcacaat	300
ctcggctcac	tgcagcctcc	tcacacctgg	ttcaagcagt	tctgccttag	cctccggagc	360
agctggaatt	aggtcgcccc	ccaccacgcc	cgg			393

<210> 825

<211> 229

<212> DNA

<213> Homo sapiens

<400> 825

atgtcctctc	cacatgaaga	atcaatctga	attcttcacc	actgatgttt	tccatctcta	60
acttgaagtt	acaaactaac	tttagcagga	atacttatgg	cttacttcgg	agcatctggt	120
acaaggcaag	aactatcatg	tatgtttgct	acattcatat	ttaatttcta	tttttcttcg	180
agctggccac	tcgatttgct	gttcagggtg	tgttccctct	ttcttgctct		229

<210> 826

<211> 368

<212> DNA

<213> Homo sapiens

<400> 826

aatataagtg	acaagtacac	acacacacac	acacacacac	acacacacac	acacacacac	60
aaaacacaga	aattactgca	tcagtagggg	ggaaaatcaa	ttttgtccat	agaggtcac	120
acaaatattc	ataattttta	tagggcttaa	cagttagtcc	taacgtcaaa	tattcctgaa	180
tgctaatact	aaaactctct	aatttataga	cttttcttac	tcttaaccaa	tcagcgcgcc	240
atcatatcta	catgattttt	acaaagtgtt	tttaactaat	tctattccca	aaaagtatct	300
gtgtacctgt	tgttctggga	agcatcagga	gaggaagaaa	ttaagggtta	tgccactgat	360
aacagtgtt						368

<210> 827

<211> 225

<212> DNA

<213> Homo sapiens

<400> 827

atgtacacat	aactgtcatt	gtttgcagac	aacaggctaa	ttcagtagaa	aatccatgca	60
aattaactaa	aaacccttta	ggacaataga	attaataaag	tggaagatta	aaagattaac	120
aaagaaaaat	aattgcttcc	ctgtactggg	aataactaat	tagtaaagt	aatagacaaa	180
gatcttatgc	tatcactttt	tcaatgttat	ttattttgta	cctct		225

<210> 828

<211> 362

<212> DNA

<213> Homo sapiens

<400> 828

tgtagtgggt	tagagtatac	actgaattaa	tgagctattg	ggccacgggg	agctgaaagc	60
ttatatatgt	gtggagacac	tgttctgctt	tcaatctcat	catccttata	tccaacatat	120
gtatgtatat	tgaaatacca	accaagtagt	gtattttgct	agagcttatg	gttttcataa	180

ttaatgataa gactgtcagc cgggcgtggt gggtcacacc tgtaatccca gcactttttg	240
agtcaggaggc aggcggatcc cttgaggtca ggagttcaag accagcctgg ccaacgtagt	300
gaaacccac atctactaaa aatacaaaaa ttagctgggt gtggtggcac acgcctgtaa	360
tc	362

<210> 829
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 829	
atatgactat aaaatctatc ttcattctgta gggaaggtaa tgaattacca taaatgcctt	60
cataatccag tctctctccc tccccctctt tctaataaaa atgcagagag aacactgtga	120
agctcaagct gcctctaaag aaagtagaga ttacagaaac ataacctcac aagatttggt	180
gatgaattat gaaggaagga cttttatttt gagaatcatg agcattataa tatttattga	240
ggattagaaa tttgttatga ggaggtgctt ctacctctc atgagccact tatgcactta	300
atgccactg gaagaacatg attaatcgg caaaatccaa ctctcatgaa tatccccctg	360
ttgt	364

<210> 830
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 830	
cttcctcagt tcgggagggt taatgataga tggagaattc tgaaagttag gagctacaac	60
tatttgaaat aaaactctag ttacatagtt gaaccgttca aggtagggtg tttaaaagca	120
gtttgttcac aaacagggtat atacacagta gagaaaattt gttatttttag caaacgctta	180
tttagctcat gctgatttaa tgagggttgc tttcatgata cttaatagtt ataagaacat	240
tttttacgat tctatagtta aacatttggt ttgcatacct tgttaaactc cgtctctccg	300
tatagcatat actacttggt tgacaggaga ttcacaaatg catccaatcc aaagaacaga	360
an	362

<210> 831
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 831	
taactacatt ttacagaaga tgaaccaga gctcaaggtc atgttttagt aaagtgaagg	60
ttgtggaatt cagaaccaga tttatctgac tccaagggtc aagcttttta cctctacca	120
tccaccaga tgtatttctt gactcattca ggagtttaac ttttaatttg atagtaatat	180
tctcccatca gctaagtga ccagcttgga aataagtgt ttaatgaatt tcttactaa	240
aatttaaaaa tgcctttgta tttatgcata gctaactcct gagtttccat tattgataat	300
aattaagaaa ctggtngtat atgaaaatgg tgtttagca tacatttggc ttcattatct	360
tc	362

<210> 832
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 832
 ctatcttaga acaagttaga tagtatatgt acttgtaata acttgtagact agatatgtta 60
 gttttgtcta ttaatTTTTc tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa 120
 atgaaaagtg tttaaaaaat taaatatTTTt agaaggatca atatacctaag ggttgtgggt 180
 aattttttcc tactttctaa aacttcagat tcctttcact cacttaaggt tgtactacca 240
 ttaatgcaat gttttctggg agtgcaagat ttgcaaata gaattaataaca gctagaagcc 300
 tcactatttg cacttttata acattctttg ctgttatcat tacaaggtaa aattatatag 360
 ta 362

<210> 833
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 833
 cgttgctgtc gaaaaaaacc ccacaaaacc ttgtgggtgt ctgagacaag aacatttcag 60
 gcaggaataa cagtaagtcc gaaggcccca aggtaggaac tgcattgcatt atgccgtgga 120
 gaacagtcaa gaggtcatta tagctggagt aaagtgagt aaagagaatg gtaagaaata 180
 aggttgaggaga gaccgggtgc ggtgggtcct tgcctgtagt cccagcactt tgggaggccg 240
 agatggatgg atcacctgag gtcaggagtt caggaccagc ctggccaaca tggtgaaacc 300
 ctgtctctgc aaagaatacg gaaattagcc aggtgtggtg gcagggtgcct gtgggtcccag 360
 ctgcttgaggga ggctgaggca ggagagccgc ttgg 394

<210> 834
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 834
 cggaggctac ggagcagccg ggattcagaa tactactaca gagccagtct gagaggacac 60
 tgctgcctcc acctccgaac atgtatctgg atgctccagc ttgctctact gtcattctggg 120
 aactgaaca ctaggcaccg gtgccacagt gctaccacat ctgccctgt gcacttcata 180
 ctgggtgggtgc agctgtctta actgcttctg ctgaccaaca aaatgcattc tccgtggctc 240
 ctgcttcttc actgtgagag gtctcattgt ctaacatcct tgggaggatg gactttaaat 300
 tcattccccta ccaatgtact ctatacctaac tgtatgggag gcggtgaaat acctaatacgc 360
 attttct 367

<210> 835
 <211> 371
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 835
 acagaagggg ggccctctgcc aactggatc tctcctcat tctcgatcct gcccaaattgc 60
 catttctcag agagtggact ctgggtcccg gctgccttga ttcaacagct gggcatgtta 120
 cttacttttc ctgtgtccct gtttcacctg taaaatgtcc gtaataacgg tgcctacctc 180
 ttatgggttg cacaaggctt atgtaaaaca atcgacacag tgactggcac agtgtgcaaa 240

ggccatatat gattattact taacgtgtcc aatttttcatt ttgtgtctat ccctcagccc	300
tatctgacat aatttagtcc cgctttttgt gggactcctc aaccccccaa ggctaggtat	360
ggccaggtac n	371

<210> 836
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 836	
cgttgctgtc gggcaaggaa ccactctaag ctcttcagtc actctaattcc agaaactgtg	60
tctttatggc tcaggcaacc agttcatggc agcctagaat gacagggaaa aagctgggaa	120
gggaccttag aaaatcactc ttgcccataa ctccagccaa agtgggtctt taaaaaccaa	180
gttcaggctg ggcgcgggtg ctcatgcctg taatctcagc actttgggag gccgaggtgg	240
gtggatcatc aggtcgggag ttcaagacca gcctggctaa ggtgggtggaa acccgtctc	300
tgctaaaaat acaaaaatta gccgggtgtg gtgcacgcct gtaatccag ctactcanga	360
ggctgaggca gaagaatcgc ttgaacctgg gn	392

<210> 837
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 837	
cacctgtaat aattgtgtgg ctattccgaa tatgcaaagt tgaataaaaa tgcaaaactc	60
tacatgaata ctcaattgga ttattctcca gctgggtgag aatacttacg tagtacttgc	120
aggtattaat tgattttaatt cttataacac atttttttaa ggtacaaac aggcattgga	180
aaaaatttta aatacagatt taatacctga ctcggaagaa aggtataata aggatggagg	240
atatttgcc tcccagacatt ttggagctca atttttttt cttagcaaaa gaaatgggtg	300
gacttcg	307

<210> 838
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 838	
aaaagtaaga tggagcactt gtcttcacatg aagtaaattc atgataatct tgtttaagta	60
tcctattcag taattatgta ttgttaggta gacattatct cacaggacta ttagagcata	120
ttgaacttag aaactttgaa agctctttgg atgctagctg gtacagaatg cccatctgct	180
ctatgattac tgtgagaatt gtgttaaaac tcctggcttc ttgttaattt ccaagtatag	240
tgcaatatgt ggatttcaat atataaagat gaagaacctc gatgttttga gcttttcacg	300
tcagaggtag tctcagagtt gactcatagt tggccaggtc atcttcagct ctcttgctta	360
g	361

<210> 839
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 839	
cgttgctgtc gtttgcattt aaacaagttg gagttcgtaa gggatgaatta cttgaaatgt	60

actaatagat	agtagagaat	atttacaaca	cattttttaa	aatatgaccc	ataataatag	120
gtggcatttta	agaaatataa	gcatgggtatc	tatcttacat	gcatattagg	agtggacagt	180
tttctatgat	tagaagcaca	cagttgtcga	gcaaggggttc	taatttttgt	acgtgttgtg	240
ggaaagaaaag	ataatacagg	gtgtcattgc	aaagatattt	aactactcta	gataatttag	300
gcctacacta	ctctaataaa	ttgggttttc	caaattattg	atacaccttg	agaactagtg	360
cctgggtagg	cctggagaaa	tgactccagg	ag			392

<210> 840
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 840						
ggcacgagggc	agcagctggg	gaggagccaa	agcctcggcg	ctcacctaag	ccgcagggag	60
atacacccaa	ctgggagatg	aggaaacagc	aaocccagaga	ggagaactaa	cccacacagg	120
atcattttcgc	gaaggagcaa	ggctgaagaa	ccagacctgg	actttcttag	gcaagtaa	180
tctgattata	tcacggagac	ttgctttgag	aaatctgccc	cttttctactg	tgagatggcg	240
tcattaacac	atctagttct	ctcctaagca	gccagcaa	atctattata	cactagatat	300
tatattggca	tttgagatga	tacaaaggaa	taaaatgggg	caattagctc	tagtaatttg	360
gaggtctcaa	cttacggata	ttccaagttc	c			391

<210> 841
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 841						
cgttgctgtc	gcttcagaga	tgttctgtcc	aagggctagt	ttgcacggag	gagagcagga	60
atgcagggcc	agggcacggc	cacccagagc	ctcatgctgt	tcaaagcggc	tgagtgagt	120
ctttagacca	cacaaggcag	gtcgagaggc	acagtgcatt	cttgggagga	tggcacgggg	180
cagtgggtga	ggatggccca	gggtggctggg	gtcaagtgtc	cctaccagcc	cagcctctcc	240
catatcatca	tgggacatga	atgtgaggg	gtggtgatgg	tggcagtgtg	aggtttaaga	300
aatacatcta	gaaggccagg	tgtggtggct	cacgcctgca	atcccagcac	tctgggaggc	360
tgaggtgagt	ggatcacgag	gtcaggagn				389

<210> 842
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 842						
gagcacctct	gtgttcctag	gtctgtgcag	tgacttggga	gtacagtgat	gaatgggacc	60
atatgggtccc	accctcatgg	gcagtctcta	attcctgcct	tatgaactga	agatctattt	120
cttggcctga	ctttatattc	ttcatgggta	aaagtgttgg	ggcctctgaa	gtgtgcattt	180
gaactcaggc	atggccttct	ggggctgttt	atgccctatc	accctga		227

<210> 843
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 843
 aaattagata ataaagtgct tttagtaaca tgcctggcac agttcattga ttcaaacatt 60
 gaaaaaaaaat ttttttaatt atcatagtag tgtgtacctt tggaaaaaatt ataacttaac 120
 agataaggct aagtttgagc cttccagacc tttccttctc tgcataactct tcaggggtaa 180
 ctgggatcat gttctgggag catgtcattc caagactgtt tctttgcttt tataaacaca 240
 tctgtttcca tagaaatgct gtagtggttg cagagggggc ggtgctggtt atcatcctgg 300
 atttgntatt ctgcgctttt ttgcttgacc taccttggtt ggctctctag tcgatacagc 360
 t 361

<210> 844
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 844
 cgggggtcaa gctggactcg ccacgactag attgcagggg actaaccgct taaattgcgc 60
 aactgggtgat gctcttgctg tatttgagga catgataaac gagtatatgc tgcatagacc 120
 cgacaactgc attcattgta tgtgtcaggt tcaccgggag gtgacagatg ctacacttgc 180
 atttattgaa tgagcttatt ggatatcttg ggtgcaagca ggaagcaacc tgcctgacctg 240
 agctccctgt ggccctgggtc ctctccactc tgaaaacatc caggcagatc ttacaactcc 300
 tccagtcaca cccagatacc aactctaggc cagaccaatg caatctcttg gcttgaattc 360
 aac 363

<210> 845
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 845
 ggcacgagat tccttgccctg atttttattgt acagtgtgca caagcacaat ggtatgcttg 60
 tatatagaaa ctaaaaatac tatgaagtac ataagttccc tatggcttat ggagagttat 120
 ttattaatta actttatggt agggctagta tgaatacctt ttttaacaatt gtgtgctatt 180
 acaacaatga agattcaaatt gactccgctt tgaaggatgt tttctctata tggtaaaata 240
 tatatgaaga agtcttgatt acgtgaagat cacttgactc agaatacttc aatgtatttt 300
 gttcacatta ccactaagca tattatcagt aaactattaa ctgactgcac attatgtaat 360
 acgttgact ttttggtgaa ttcaccga 388

<210> 846
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 846
 cttggggaggc tgaggcatga gaattgcttg aacccaggag acagagggtt cagtgaacca 60
 tgatcccacc accacactcc agcctgggtg acagattgag actctgtctc aaaagagtta 120
 ttaccacaac aatagactat aaaatctgta gtcttaattt gcataatcat gtagacagga 180
 aaataccttt agcatcttaa taaaagatga atcaaactct ctaataaata ccctagaaaa 240
 gacaaacaat aactaaata taagattaaa gagtagtttc taatacatca ttctaagaca 300
 aatgagggga aaaaacccca tttcaaattt aagtcaaaag aaagggtgaa acataaagga 360
 gtctg 365

<210> 847
 <211> 391

<212> DNA
<213> Homo sapiens

<400> 847
tctacccaag tgaattataa ttaactgcgt cacatattatc attatactga cctttgagca 60
tttcccccaa ctcacagtat tttgtttctc agatatggga tattcgcttg ctttgtgaaa 120
aacatgaaaa tgtagcaga gctcagtgct ttgccagca gatggcattt gtgtgagttt 180
ttcaggatcc tttggaatct gtcacttgcc aattacccaa tttgttttga atactctgt 240
tttccagtta atattgcacc atttacataa agagaatgtg ccaaattgc tgtaatctgt 300
tctgtaatca aatctgactg ctgtagatgt ataacttact tttggtaagc tggttactgc 360
aaaatgggtct caagacaatc cttttctatt c 391

<210> 848
<211> 389
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 848
cggtgctgct gntattttat gccttcaggt tttaaaaatt ataaacattt acattacagt 60
aaaagtcact ctggtataca gatctataaa gctctgataa atgtgtagag ttgtgtaacc 120
accaatgcaa ccaaggtaca gaacagtcct cttagcctct ccctaccaa tttattcctg 180
ctactttgta gacaaaacca gtcccctaca cccaaaccct ggagacact ggnttttttc 240
ttcggtctct attttttttt tttaggaaaa aaagattatt tttttcccca cgctggaagg 300
gggccagggg ggggatttgg aaaaagggca cctccccct caggggatta ggggtttttc 360
tggttggct ccccaagggt gtgggaaan 391

<210> 849
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 849
cggtgctgct gcttacaggg tcattcagac cccatcttag ccctagatcg gtgcttgctc 60
tactcacctg cactgtcctg gggacctggg ctctggcctg tcaccttgag ctccaagaat 120
gtgacctgta cccattcagg ccccttaact ctgacagatg agggtttctt actcctccat 180
gcagggctgg gccagctggt ggtctcagtc gatcattcag gaagtcatta gcagagtgat 240
ttccagaagg cgtagaattt agtgaccaag gttctttcct ttttgggagg agaaagtga 300
aactaggatg ctgagctgga cccaccagcc tgagattctg gggattttag agctgtccct 360
tggggagcca agcacttggn ggtggaggtg atagg 395

<210> 850
<211> 388
<212> DNA
<213> Homo sapiens

<400> 850
gacaaagctg catgctgggt ctcaactccc tagaatttga acacacggct caggggtatt 60

gagctgagat	cttgagctca	agcaggagag	gagccctcac	tctcagacca	cagagaagac	120
tgaggtgtgg	gatcatggga	tggcacagca	gctgggtata	ccatgctctg	gaagaccaat	180
ctaggaaggg	tgtggcctat	ctgccatcct	cagcctctgc	ctgagggagc	tccatgccct	240
gcagcaccta	acagacaagc	aatcggagaa	caaaaggctt	gggacaaaac	tagctgggca	300
agctcagtac	tgggacagac	actggaagga	gacctgatca	gtcgagcaca	agctgggaag	360
tccagacagc	aatctctggg	aaaaaaac				388

<210> 851

<211> 367

<212> DNA

<213> Homo sapiens

<400> 851

ggcctattcc	taatggatag	agaagaaaga	cgacagcggg	aacacacaag	aagaaaactt	60
actcttcgta	gaaaaataga	agaggacata	cagcgaatgc	tgctcatcag	cgtcaaaata	120
gttcaaataa	ttttacgaaa	aaaaactcag	cttctgttgt	ttatcaggca	gatgtaccgg	180
ataatgggtat	aaatcaaaaag	gaggtataaa	tatttcaggc	caagggtcaa	ttatttcagc	240
gcagggtatca	cccacgagaa	atTTTTccag	agcttcacaa	gcatttttgg	atacttcaca	300
agaagagaag	gagaccaatg	ctgattggga	tggaagacca	acccatagat	caagctatct	360
ctgcgag						367

<210> 852

<211> 259

<212> DNA

<213> Homo sapiens

<400> 852

cggaggagct	cccaaccccc	accgggtgca	ccttgacagaa	ccctccctg	agaatccggt	60
cgggattcgc	agcctggacc	cacacgtgct	gctccccaag	gcagggtccag	cgagtgcaca	120
ggtgcagatc	ccttgctgcc	acctccactg	gccagtgtct	ccggagccag	gcgtgcccag	180
ggctgcacag	acgttagcac	cacgctgcac	ctcccatctt	acggagaagg	aaaccgaggc	240
acaaaggcga	agcttttcc					259

<210> 853

<211> 393

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(393)

<223> n = A,T,C or G

<400> 853

cgttgctgtc	gcggcgggag	ccgctgctct	ccggctgagg	gaatcagaga	cagctccgtc	60
cctagtggag	cgcaggggag	gcagaagtca	tgacaggcga	ggtgggttct	gaggttcacc	120
tanaaatcaa	tgacccaaac	gtcatttcac	aagaggaagc	agatagtcct	tcagatagtg	180
gacagggcag	ctatgaaaca	attggaccct	tgagtgaagg	agattcagat	gaagagatat	240
ttgtaagtaa	gaagttgaaa	aacaggaagg	ttctacaaga	cagtgattcc	gaaacagagg	300
acacaaatgc	ctctccagag	aaaactacct	atgacagtgc	cgaggaggaa	aataaagaga	360
atttatatgc	tgggaaaaat	acaaaaatca	aaa			393

<210> 854

<211> 391

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 854
 cgttgctgtc gaaactcctg agctcaagtg atccactcgc cttggactcc caaagtgctg 60
 agcttacagg cgtgagccag tgtgcctaac ctcgggggtt cttgactgag gcatagccct 120
 tggctttctg ttttctctg tctcctctcc ctgagggtggc ttgtctggtc ttaggatttt 180
 gcttgctact tccttgctta caactccaaa aactctgcct gggcttctcc agtggaaacta 240
 cagtcagatg gctgaagcat cccggctctt ggggtccatc ttgagctgcc aggtgcctca 300
 aatatggact ggaggagtgg ctgtcactgt ggttcgctcc catgttagat acagggttag 360
 tctcagctct gccactcccc atgtgtgacc n 391

<210> 855
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 855
 cgttgctgtc gccaggtcac atggggaaga gttagctaca aaactggcca cttaatctct 60
 ggagggggggc gttgggtggg tgtgtctgtg tgtgtctcag ggggctggag atgcctgcgt 120
 gggaggagtg cacctctgac caggtggcag agtggaaagga ctgagggtc tcagctgagc 180
 tgtgcacatg gcgggcacag gaccggctgg ctgtgagtg gtgtggcctg tggcctgtga 240
 aggggtgggag gagggctgtg gagctgggga ttctgggaag ggaatgtcgg ccagctggg 300
 aggttgtacc agatgacctc agcggcctct tcagtcctga aaaaaacctc agcatctcct 360
 ctgtcgtttt gggcctgtac aggacgcagc cat 393

<210> 856
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 856
 cgttgctgtc gccctcctgc ttttttttga gcctctcctg aaactgatag atgctgaaac 60
 cactgcagga gcctggccta acgtggctgc agtctccatt actgggcgga agcggagccg 120
 ggtagcccct gccgagcccc aggaggcccc tgattccact gctgcaggag gctcagcctc 180
 gaagcggatg gcgtgggtgc tggaaacgggt gtgcagcact ctctggggcc tggaggaaca 240
 cctgaatgcc ctggaccggg ctgctgggga cggcgactgt ggcaccaccc acagccgtgc 300
 ggccagagca atccaggagt ggctgaagga gggcccaccc cctgtcagcc ctgcccagct 360
 gctatccaag ttggctgttc tgettccgga gaaa 394

<210> 857
 <211> 159
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 857
 tagtggtcca naanatgaaa aaataattga acaaataagag gatatggtga ctacagcttc 60
 tacgtacctg tttgaagcca cagaaaaaag attttttttc aaaaatgtat ctatattaat 120
 ttcttagaat tggaaggaaa atcctcagta caaaaggcc 159

<210> 858
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 858
 ggcacgaggg aacatgggct ttgcagcaaa agcgaagaaa tctgctcatg aaaacatgga 60
 tctgaaccaa atatatgatt tgatgcaaga gatcacagag caacaggata tcgccaaga 120
 aatctcagaa gcattttctc aacgggttgg ctttggatgat gaactttgatg aggatgagtt 180
 gatggcagaa cttgaagaat tggaacaaga ggaattaaat aagaagatga caaatatccg 240
 ccttccaaat gtgccttcc cttctctccc agcacagcca aatagaaaac caggcatgtc 300
 gtccactgca cgtcgatccc gagcagcatc ttcccagagg gcagaagaag aggatgatga 360
 tatcaaaciaa ttggcagctt gggctaccta aac 393

<210> 859
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 859
 ggcacgaggg ctatcataca ctatccaaat gaagtcattg tcaaagttca cgctgccagt 60
 gtaaatccta tagacgttaa tatgagaagt ggttatggag ctacagcttt aaatatgaag 120
 cgtgatcctt tacacgtgaa aatcaaagga gaagaatttc ctctgactct gggtcgggat 180
 gtctctggcg tggatgatga atgtgggctt gatgtgaaat acttcaagcc tggagatgag 240
 gtctgggctg cagttcctcc ttggaaacaa ggcactcttt cagagtttgt ttagtgcagt 300
 ggggaatgagg tctctcacia acccaaata ctcactcata ctcaagctgc ctctttgcca 360
 tatgtggctc tcacagcctg gtctgctata aacaa 395

<210> 860
 <211> 392
 <212> DNA
 <213> Homo sapiens

<400> 860
 cgcttgctgtc gcttgaggaa gccagtaga tttcaagttg gtcgcggtt gggcattggg 60
 aaaggggatg ctttgcccc acccaccctg cagccttctc cactcttccc tcccttggag 120
 ttccggccag tacctttgcc ctccagcgag gaaggggaat atgtcctggc actgaagcaa 180
 gagctacgag gagccatgag gcagctcccc tacttcatcc ggccagctgt ccccaagaga 240
 gatgtggagc gttattcaga caaatatcag atgtcaggtc cgattgacaa tgccatcgat 300
 tggaaccctg attggcggcg tctaccccgg gagctaaaga tccgagtgcg gaagctacag 360
 aaggaaacgga ttacaattct gctccccaag ag 392

<210> 861
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 861
 cgcttgctgtc ggagataagg actgagtga gaagataaga gaactcgcat gatggaaata 60
 ttttctgaaa caaaagatgt atttcaatta aaagacttgg agaagattgc tcccaaagag 120
 aaaggcatta ctgctatgtc agtaaaagaa gtcccttcaa gcttagttga tgatgggtatg 180
 gctgactgtg agaggatcgg aacttctaata tattattggg cttttccaag taaagctctt 240
 catgcaagga aacataagtt ggaggttctg gaatctcagt tgtctgaggg aagtcaaaag 300
 catgcaagcc tacagaaaag cattgagaaa gctaaaattg gccgatgtga aacggaagag 360
 cgaaccaggc tagcaaaaaga gctttctt 388

<210> 862

<211> 303
 <212> DNA
 <213> Homo sapiens

<400> 862
 gctgctctac cctttaatgg atatgtgtgc attgaagatg tctggatgag gagactaatt 60
 ctagaaggca gacgtgcctc aataaattaa ggccttccct aagaaacccg agaaatatat 120
 agattttgtc ttaaagtgtt gtgtgagata tttgcttttc aggcacagat atatcaagtt 180
 tttttttatt tctatgttta tattgatatg ccttccacat ggttaattaa ataaaaagag 240
 gggaaaagga gaaagaaaaa gattcagagc atcatttgtt aaaaagaaat gtatcattca 300
 acc 303

<210> 863
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 863
 cgttgctgtc ggaaggtatt ctccggcctt agaaagccca ggattaatgc aggattgcga 60
 tatttaaaca gaacatttcc atacagcatg agtataaatg actttcccaa gtttacctg 120
 agagtaactg acacagcaac cccagcaaag tctgagctga gtcctgaata attgtataaa 180
 aaggggagag aaacagagtg aagaaaagggt ttcccagact ctgtcccagg aaagaaaatg 240
 agctcgtgga gaggaataga ctttctctat gaaaacagag ggaacaaaaga ggaagatgtc 300
 tgggaaccga ggagtaatag agacctgagt ttacatcact actctgccac tccctaggta 360
 cctcccttta cctgtttccc tactg 385

<210> 864
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 864
 gagacagaga gattagacat tgcaatgaac aaactgggtt tgaccattaa ttacattccc 60
 tggatacttg ctcaattcac cacacatttt tttttttctg aatcaacatg aaaaagactg 120
 gcttagtctg catttaaagc atttcgtaca ttacaatgat cacatgctac aggatttgta 180
 agtgctcaag gatgtgttca cagctaggga agtaaaagccg acataaagaa atgaaatcca 240
 gtttctgtct tcaagacact tacattcttg cataaagtca agaaaatact attaggaaaa 300
 caatacttta tattgggtgc cttctttatc tggaggatgg caaacaacca aatcatg 357

<210> 865
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 865
 caatgagcac aagggaatac attatagtgt attttgtctca aacttaattt aaaagcctca 60
 ttttcctaga actctaatta ttcagatatt catgacaata tttttttaac agtaagaaac 120
 tctgagttgg cttcttggag ctgtaggtct tgaagcagca acgtctttca ggggctggag 180
 acagaaaacc attctgcaat ctcagtagtt ttttcgaaag gctgagatca tttattgatc 240
 gagatatgac ttgttactag ggtactgaaa aaaatgtcta aggcctttac agaaacattt 300
 ttagtactga ggatgagaac tttttcaaata acaaaaatat attggcttaa agcatgagg 359

<210> 866
 <211> 142
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 866
 tcctgcacca aagaaatgta aaacaaaccc agagagtgac attgagcagc tttaaagtga 60
 cgttgttttc ctttcacctg gtgaatttga gaacgcagtg gcttttgaga ctgtcctgcc 120
 aagtggcang tgaggcatgg ag 142

<210> 867
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 867
 tctccttttag ctgctacaga ctccctgctc tcttcccttt ccagcaaaca ctgtctgctt 60
 cctcttgtcc caccagctct tgaactcact cctttcaggc tccatcccca ccaccccaact 120
 gcatccacta atgccaaaggc cacctccatg tggccacatc caatgaccat ctctctgccc 180
 tcaggtccct ggttgaacat gtcagcagca tttgagtagc tgacctcctt tgctttcaag 240
 aaacttttcc tgctcttgga tctcttcctg tctccctagc cagattttcc tacttctccc 300
 ttactgattc ctctaattt cctccatcat gaagcactgg agtgtcccag ggttcagtcn 360

<210> 868
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 868
 attctctata gtgtggatat gaatctatcc atctatctat atatatttat cttggaccaa 60
 ctatcttttt atacagtgtg gatgatcaga tataccgcac aaatccctgg ccagtgggag 120
 aagttcccct tactactttc agggccactt ctcagtggaa gtccattttc agctggtatc 180
 acacataaca aaatggccta ttttcagcat gtgccacaca gaccaagact ggctttttct 240
 gtctccatta tcaggtcaaa aggaaacaca catgatgcca taggagtgag atgaggtgca 300
 attttggttag ctgacaatgg ggcctgggctc acctgcttgc aatgtacttg t 351

<210> 869
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 869
 gagttccaag tagggaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag 60
 aaagctagtg ggaaaagttc caggattaca tgtcaggaaa ctacaagagg tagaaacatt 120
 tgttgattta ccagtgtttt taacttcctg ctgggctgaa aactgcttgt ttcgtggaaa 180
 agcaaaactt gacagcaaac atctaaaatg aagagctccc aaacttttga ggaacaaacg 240
 gaatgcattg tgaacactct actcatggac ttcttgagcc caacattgca ggttgccagc 300
 cggaacctat gctgtgtaga tgaagtagat tcaggagagc cttgttcttt tgatgtg 357

<210> 870
 <211> 384
 <212> DNA

<213> Homo sapiens

<400> 870

tacggctgct	ataatacgac	agaagggcac	acacacacac	cttttttttac	actgagagaa	60
tgagaaaaac	attaactttt	agttctccgt	gggccttatt	ttcttaaagg	aggaaatcat	120
tacacagtaa	agcattaatg	gccagtgtgt	gcttaattta	acaacactac	aaattcatgt	180
agagatgtct	gatcctctag	agaggaaact	gtcattcctt	agctgcagtc	ccctcttcaa	240
ctgaagaatt	acatttcacc	actaggtgtc	cacaggggaa	caaaggatat	cttacacttg	300
cccattccaa	gtccctttca	cacacactgc	actccataaa	caacttgtcc	taggtcaatt	360
tataaaaacc	ttaaattctta	tttt				384

<210> 871

<211> 358

<212> DNA

<213> Homo sapiens

<400> 871

tttgtgggag	gaaccacttc	cactctcagc	cactcaaggt	ttatcaggat	atactagttg	60
agaagcatga	aaaataaaaa	ctggtaattt	cccataacca	aaacaaaaag	tggtacaaga	120
tacttaaatg	atccttgcca	atacttttat	tctatttagt	atatgattag	gagtttagta	180
gattaaaaaa	cccaccacat	aaaagacaac	tggtatatat	tctcctcaga	catggtaatg	240
tgatgtaagg	gagtaaacct	tgaacttcat	ttttgtatgg	gtcataaaat	cgcatgagtc	300
atacttgggt	agaacacaca	tgattttcaa	taacaagttt	gtcttccact	tcattacc	358

<210> 872

<211> 330

<212> DNA

<213> Homo sapiens

<400> 872

gggagcctga	ggaggggcct	cacccggcct	gaggaaactc	actgagaagt	ggaggccgag	60
tcagagcctg	tgaggcaggg	gagtggggac	agtctcagcc	caaaaaacaa	tgctggcgag	120
aggcaggtgc	aggggtaagg	tcacaaggag	ggaagcgcag	ccctttcaag	gcaggagaga	180
aggcggcgag	agagaaggca	ccaggacaag	ggacagaact	agagggaggg	taggacctgg	240
catttaggaa	ccagcatgtg	gctgggcctg	ggcgtgaggt	taagaaggga	gagttggccg	300
ggcacggtgg	ctcacgcctg	taatcacagc				330

<210> 873

<211> 355

<212> DNA

<213> Homo sapiens

<400> 873

ggtggcatgt	acctgtattc	ccagctacct	gggaggtgta	ggtgggaaaa	tcacctgagc	60
ctgggaggtc	aaggctgcag	tgagccatga	tcacgccact	ccagcctggg	cgacagagtg	120
agaccctgtc	ttaaaaacaa	aaaacaaaaa	aaccccaa	aagcagaaac	aaaaatgcag	180
aagacagaag	tctaagaata	tattaaaact	gtattcta	atagatgtta	aattctaaag	240
tcagcagata	agtagaaaat	ctgtaaatat	aaaactgagt	ttgaaaactt	caggacttaa	300
agcaggcagt	aagaggaagt	ttggtggaga	gacgatattg	ttagaatgta	aacct	355

<210> 874

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)
 <223> n = A,T,C or G

<400> 874
 gatttttagga cttggtgttt ctggcatttc ataggaaata aataaatcaa agcctacagt 60
 aagcaacctt cttaatacat cttggaaggg gggaaaaccc caagaccctt atttaggatg 120
 aatatattaa tacaatacaa agcacccaac ttctttctgg gaatgactta aganatccat 180
 cagcagaagg agacagttgc acttattatg ggatttctag ggcatggggg cgcanagaca 240
 aaaaagagct tggtttactt tttcaaaaca tgaaatgctg attcccttct tttgctatgc 300
 tattcaggcc ttaaaggga aagcacaaaa gggttcttgg gcaatgaaga aaaataag 358

<210> 875
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 875
 taaactgaaa aatgagtcta aatgcagcca ctttgctatt ttagttcttc ataagactgg 60
 aagcaaagca attttactga aatgttatca gtgaaactac tcaactctaca atgaaacatt 120
 tgtgtttact tttgtggtta gatattttgt ggttaatatg tgtcaaactt ttatccaaac 180
 acaaatggta taaagagatg agtaagacag tctgtggctc agggctactt tgttgtaaaa 240
 acccagcgac accattctga ctgtggctct actggttatt ctctatctag caccaagatc 300
 tttggaagac atgttaagca attatcttat cactctactg gtcacaatcc tccaaan 357

<210> 876
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 876
 ctcttccact aacacagggg aattccagcc cagtcctgag gaacatgggc aggtcgatgg 60
 gtttaatttaa ttcagtatgc aaatgggcca tgagggttct taaaagagat gacttaaaag 120
 atccttttct aaatgatgaa gtccctcagc cccacagaca agaatgggccc ccaaggctgg 180
 gcgcagtggc tcatgcctgt aatcccaaca atttaggaaa cggagggcagg aattcaaagac 240
 cagcctgggc agcagagtga gactctatct ctaccaaata taaaaattag ttggccgggc 300
 gcggtggctc aagcctgtaa tcccaa 326

<210> 877
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 877
 attacatttt attgagctct tagtatagtc attctactaa ttatcaagaa ttgttaatcc 60
 ttttaataacc atatttagtc aatacattag ccccaaaaac aagtaaaacta aagctaagtg 120
 agactaaata atcagaagtc aaaataactt gcccaaggctc atatgtaacc aataagttgg 180
 ccacatctta gagtaagttc ttagtcgcta acaaagntca cttagttttt ttttgagaca 240

cagtctcact	ctgtcaacca	ggctggagta	cagaggggcg	atctaggctg	aatgcaacct	300
ccacctccca	ggtgaaggag	agttttctgc	ctcagcctcc	acaataactg	ggaatan	357

<210> 878
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 878						
attgttatcc	gaaagagaga	aataactcct	gttaatcaag	aaaaagacag	aaacttcaat	60
gggaaaaaaaa	ggaccaatga	aagagacaaa	ctaccataga	tcagatttct	tcccatagct	120
aaacagtata	caaagaaact	tcatatttat	aattatacaa	atgcaaatca	aggcagtgag	180
tcattactct	tatcagaaaag	actctaattt	aaaaggataa	acacaacaat	tattagaaaa	240
tgtgcatagt	gttaactttc	actcacttgt	agtgaaaagt	agtctggaaa	tattttatac	300
atcatagaga	aattccgaga	atcatatata	ggtagatgat	gataaggatt	atggtattgg	360

<210> 879
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 879						
ttcgcgttcaa	attctgacta	tgtagtattt	tagcaaacct	atgctagtaa	cattagaaaa	60
aaaataaatt	tactatccat	agactttatg	aaggtcatat	atgaagaaat	gggtgtttta	120
gtaagaaaca	gaaatttctt	aagcttctca	ttagatttct	ttagatttta	gttcaaaata	180
gatttgagtg	agttttattc	tgatgcggtg	ctttaccctg	attac		225

<210> 880
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 880						
cagataattt	ttttaaatct	attattaaca	tgttcaataa	aaagatgaaa	agatggagaa	60
ttttattaga	gaaatggaat	atctaaaaat	gaattacttg	aagagttgct	aatgaaatg	120
cagaataaact	gtaagtgaat	acacagttgg	tgtaacagcg	gattagccaa	agcagaaaac	180
aggtttgctg	gaaataacca	tattaaaaca	tgaagaccag	aaagaattgc	aatgcacaa	240
aacagcatta	gaccacaggg	agcatgattt	tataaaggto	taggccgggc	gcggtggctc	300
acgcagttaa	tcccagcact	ttgggaggcc	gaggcgggca	gatcacgagg	tca	353

<210> 881
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 881						
gttagaaggg	tcatacaagg	ctttatagaa	aggattttta	agatgagctt	ctatatatca	60
attaaaagaa	catttcagta	gaaacatggg	cgtatggtat	gataattacc	agaagacaaa	120
tgcaaataag	tgctgaacac	aggaaaaaaa	taatcaacct	ctccaataat	cagaaaaatt	180
gaagttaatc	atcattaact	gttgggggag	tagctacca	atttgataaa	aactcaaaaa	240
ttcgtaataa	ttcagaaatt	gagaatagcg	gccgggcgtg	gtggctcaca	cctgtaattc	300
tagcactttg	ggaggctgag	gcgggcagat	tacgtgaact	caaaagtctg	agaccaaccg	360

<210> 882
 <211> 385
 <212> DNA
 <213> Homo sapiens

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<400> 882
cgttgctgtc gggcaccgag cctattctgt cgcgttggtc ttatatacat acacggatga      60
cgaccatgag gacagtgggc atcaaacatt ttggattatg cgttattaat cccttatatc      120
actaaaatgc aacactgctg tggatgctat ccttaatata tactgactta tagatgcagc      180
ccactcgaag ttttgtgcca gccttcttac ctatattaga caacgacttc aacagcgagg      240
ttgctaatagc cagcaacca ccatgtgtta tgtagcctg cttggatcaa ttgtaattat      300
tactggaatt gaattaatta atatgatttt gaacagatca tgttcaaact aacatcctgt      360
aaagtagaca ctgtaaggag ttact                                     385

```

```

<210> 883
<211> 383
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

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<400> 883
tacggttgcg agaatacgac agaagggatg tcaatgcaaa gccaggggct ggaagccaag      60
cgtgggcggc ctctgttcgc catcgggggtg aagcctcctg tgttcgttca ctgccgtcgg      120
ggtgaacgcc atatgggcag gtgactgggt gctctcgaac ctccccgcca agccccaaaa      180
gccacataat taaatgcaat gtcgggggcg ggcacgggtg ctcacacctg tgatcccagc      240
gctttgggag gatcacctga ggtcaggagt tcaagaccag cctgggcaac atggtggaac      300
cccgctctcta cttaaaatac aaaaattagc tgggcgtggt ggctcacatc tgtaatccca      360
gcactttggg aggccgaggt ggn                                     383

```

```

<210> 884
<211> 357
<212> DNA
<213> Homo sapiens

```

```

<400> 884
attccccagc aagatagaga taatagcttc cacttgccct ctcaaaacac acaaataaca      60
ttcagtatgt gacagtatta ttaaaccat tatgggtccaa tataatgaca cattaacgta      120
cctattttctc aggcagatta tgggatattt ggagcatgga actaagtact aatcatattt      180
tggggtttct ctgtattctc cccaacactt gagttggcac ataagatgtg ttacatagac      240
atttgttacg tgaatgattt gatccttaac taggggtggg acacaaaata ttccaataaa      300
gattatcgca aaattctctt aattcagtgc tgatttctc ttcagatggc attgtta       357

```

```

<210> 885
<211> 356
<212> DNA
<213> Homo sapiens

```

```

<400> 885
aaattataga caagcacaaa gaaaatagat atgcgcttta attccaccac acagagataa      60
tctctgttaa tatttcagta tgttgttggg aatcaatata ccatcttttg tgcataatgca      120
gattcttatt ttgtaaacat gagacactat tatgctttct gtgttgtaac ctccctttttc      180
acttaataata tcatgaacta ttttccaggt tattaaatat gtgacaaaaa tgtctttgat      240
tcctttataa ttttctgtca catactataa agctcctctg tgattttgca ataaattaac      300
ttgttttgtc actatacaga cgtaagcttt ttaaaaaaaa atcaactcct aatatg       356

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```

<210> 886
<211> 357

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<212> DNA
<213> Homo sapiens

<400> 886
cataataggt gctcagtatt tattgaagga aggaatggga aaaggaaaat tcattctgca 60
agaacagtag aatcctactt tggccccacc ttattttatt tgtaacttga cctcagttat 120
cacatctttc tgaccttggg ttgctgttag gtttattgtt aaaacatata cttaaatagtt 180
tatattttta cttgtaattg ttgtctagct ctggacaatt ggagggccgg gggggtgctc 240
tcctatttag agaacacggg aatacgcgg gcgcgttggc tcacgcctgt aatcccagca 300
ctttgggagg ccgaggcggg cggatcacga ggtcaggaga tcgagaccat cccggct 357

<210> 887
<211> 357
<212> DNA
<213> Homo sapiens

<400> 887
aggagaatca cttgaacccg ggaggtggag gctgcagtga gctgagatcg tgccactgca 60
ctccagcctg ggcaacagag caggactccg tctcaaataa taataataaa acgtatatca 120
ctaataacaa atagatgaga tttaatctct ttagatggga acaatccaat aaagtcctac 180
aataatatag ggcaataaat tttggagagc tttaattact gtgcaagaaa aatattctag 240
ttgaaatgaa gagtctcctt ggccgtgttc cgcacagcag agcaaaccgt cttctccatt 300
cacatttctt ggagttaaga gcctggccta tgctgggcgt ggtggctcac acctgtg 357

<210> 888
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 888
gggggtttcac catgctggcc agggtagtct caaacttctg acctcaagtg atccacccgc 60
ctcagcctcc caacgtgctg ggattacagg catgagccac cagcccagc ccctccctct 120
attttataga catggaaaca gaggcatggg ggaagttaag tgattttgga tacactgcta 180
aaaaccagtg tatctcaa at gcagtggaaa catggccttg cctcacagga ttaggactaa 240
atgaagtgaa ggatgtaaag aggctagctc aggccagca catattaggc actcaagaag 300
ggcaggtcct ccctccttct ggeatagggg aatgaaagat gaggtgaggc agggacn 357

<210> 889
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 889
ctgggaatac aactgttcca gcaaaagggc ccctgtcttg ggaaggccca ggctgaggag 60
gggaggatgg cccgacctta tgggacatag tcagagacta tgctttcaag cctccatggc 120
ctcccttgca cggcagagaa gtgggtatag aaagtatggc cagggagccc agtggagacg 180
gagctggcca gccaggaagg acctangtat tctgggcagg agggtgagaa gggctccctc 240

ctccaggcct	gccagggcg	cctcctgctc	caagctccgc	tagctgcccc	gggctccgct	300
agctgccttg	ttccccgcac	caccac				326

<210> 890
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 890						
atagatgaga	tttaatctct	ttagatggga	acaatccaat	aaagtcctac	aataatatag	60
ggcaataaat	tttggagagc	tttaattact	gtgcaagaaa	aatattctag	ttgaaatgaa	120
gagtcctcct	ggcctgtttc	cgcacagcag	agcaaaccgt	cttctccatt	cacatttctt	180
ggagtgtaaga	gcctggccta	ggctgggcgt	ggtggctcac	acctgtaatt	ccaacacttt	240
ggggggccaa	agggggtgga	tcacctgagg	tcaggagttt	gagatcagcc	tgggcaacac	300
agtgaacc	tgtctctaca	aaaaatacaa	atattagcca	cgtgtggtga	cacacgcctg	360

<210> 891
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 891						
tacgctgtta	tattacaaca	caaggggaac	tggctttctt	tgattagata	actccatgcc	60
atatctaatt	tttaaatgcc	ttgcatccac	acttatcaca	ccaaaataact	ttaacattct	120
ttaagtctta	attcttatct	cctcaagggt	ttgcgggaaa	gagggacagg	aataaccttt	180
cacctttgtc	tctgatgaca	gtcagcgcaa	aactacttta	tcattcccagc	aggggaaggcc	240
aatacattcc	cagcaagtat	aatttctacc	agaacaactc	atgaaatgtg	gtaagaaata	300
gtgtgcgggc	gacttaagat	aatacttttt	aaaaaaaaat	agagaacaca	gtttttaaaaa	360
tctttctttt	taaaacgaga	tctg				384

<210> 892
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 892						
attcctaaca	agtgacaaaa	aaatctcaag	agagttatca	agagagggaa	aaagagagaa	60
aacactaatc	agcagtgaac	caattcctct	catatgtatg	taaatagata	aatcagtgta	120
taatgttaaa	taatgatgca	gcaattaaaa	aattttaaaaa	tagtctggga	ccaaaagaag	180
taggggattt	tgtcaaattc	aataaattga	ggtaggaaaa	ggaataaaaa	agtaaaaacc	240
ttttccaaag	gtaattttaga	gtgaagcagt	aaagatatatt	tacaagtttc	atcttttggg	300
cctgagggaa	ggcacatttg	tggaggagaa	atgggtggctt	gtgttggttc	atgta	355

<210> 893
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 893						
tagaagcatt	tgtgccttga	aataaatctc	tctttgggga	atgagttata	tatacatccg	60
tgtgggggga	cctatgcaca	catactcaca	cgcgcatata	tattatgcat	tacagacaaa	120
atacatgggc	aaatcccca	gcaggcagcc	cogagcttct	gggagggaa	gtgatccgcc	180
tgtagcttcc	aaaggacatt	taaagaatag	tgggaaggcc	atgcgcggtc	gttttttttg	240
acctgggccc	atgtgtgagc	gcgaagcgtg	atattattctt	cttacgtatg	aggtgggtctt	300
cgcaccttgg	ggccaaccgt	cttatgtttc	tgccgtttcg	ctttcccgctg	tatcttcg	358

<210> 894

<211> 355
 <212> DNA
 <213> Homo sapiens

<400> 894
 ggtgcacatt attgaactcc tactgtatac taggatgaac aggagccagt ccttgccttt 60
 gggaggccca ggaggtgatg aggaggacag acgagaaaca tgtatttttt tttaacctta 120
 aaatctttta tcacttcaac atgtagattt caacattaaa agcgtccctg ctgggcaaca 180
 agcagagtgc acagggttcct ggcagggcta agttcttggc gcatagccta cagggttgta 240
 ggtcagaggc tgctgggagt cagcaagcac ttgtaattcg cagtgcctcc cctgcccact 300
 caggggaggtg atgctggctg gctttaggga cccttcaggt ggggcagaac ccagg 355

<210> 895
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 895
 gacatgatga aggcaggggc ccaagggagg aggctgtgag gctgtgaggc tcaagctgga 60
 gtcttgtttc ctgcggtgcc tcaaccagga cccctgctcc tctcctccgg ctccagcaca 120
 acgaagcctc cttcattaag taacacagttc cttaatgaat aaaggaaatg ggataaggaa 180
 aaagaaacaa gaagaaaaac agacagaggt gcttttgcca ggcatcttaga ctgattttcc 240
 cgtttaattc tcccaacctc cagaaatgaa ggttattcca gtctttgtca gagaggtgga 300
 gcatcttgct gcagatccca cagcttgaaa a 331

<210> 896
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 896
 cgttgtgtgc gggacaacct tcatttaaag gcactttggc ctttggccag agttcagcgg 60
 gccacactca ggctggatgg gctgcagggc tgcaaatttg aaacagcaac aggtgctgac 120
 aggccgagca gctggggaga gactggcaca aaggagtgc catgccctgg cccaaaggcg 180
 caccacactc ccagctacag gggactgtgg accctaagtt aagggcgcct ttaaattattc 240
 attctcggac ctcatttttg attcattatt ttatattcat ttccttaacc agggcctcac 300
 aaatggatc agtttaggcc ctagaaagcc tgggccctgg ggctgggcgc ggtggctcat 360
 gcctgtgggtc ccagcacttt g 381

<210> 897
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 897
 tgggagagag ccatggtaga agtggatctt tcagccccgt caagtcttta catgactgca 60
 tccctggtca acatcttgac agcaacctca aagacctga gcctgaacca cctagccaag 120
 ttactctaca attcctaaac cacaaaaacg atgagatagt aaatgtttac tgctttaagt 180
 tgctaatttt ggggataatg tgttacacaa caataataaa tacattaacc tgttatgggg 240
 ttgaattgtc tccccaaaat gtgtggtgaa ttccataacc caagtacctc agaatgtgac 300
 cttatttgga aataggatcg atgcacatgc aatgatttaa gatgcagtca tag 353

<210> 898
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 898
caggcccaca ggcacccacc cccctgcctg acagttggcc taaagtcage ccacccacc 60
agagagagct gcgtatagcc tctggcctgc aagcacctgc cccaggattg acaactggta 120
aggtggcacc accccaccat agaaggttac cagcagcagc taccacatg tgcctgcct 180
tggccttata gccagcccca cctcaccaga gagagttgtg cacaactgtt ggacatttac 240
ccaaccctgg tttgacagcc agcttggaga tggccctgca ccacaggaag ggatcttgtg 300
cagcaaccaa gccatttatg tcttccctgg cctgagagca agcctggagg ggaccctac 359

<210> 899
<211> 327
<212> DNA
<213> Homo sapiens

<400> 899
atgactctct tcttttttca ctgctgggta ttatttgtaa ctcacagggc agaataacag 60
ctctagagct caatttatct ggaggagatt cagcacacct gcttctcttt ttccactggc 120
atggctcttg gtgcaaattt gtatttatgt aatagttaga aattaaacat cagcaccaac 180
agaaaaatat tcaacgcctt ttattaaaca tcaaaacact ttgtcaatgg gaaaagctgc 240
cccaactgtt ttagatctta cctctcaaca ttgttgtaaa agtacctttc cactctctgg 300
tagtgtcttt gagaggggtt gtctatt 327

<210> 900
<211> 381
<212> DNA
<213> Homo sapiens

<400> 900
cggtgctgtc ggagacttcc caggaaggtc cagcgccctc tcagccttcg tactcagaac 60
aggcgatgat gggcctcagt aacctgagcc ccggctcctg cccagccag gccgtgcctc 120
tcccagaggg gctgctccgc cagcggtaaa gagaggagaa gaccctggaa gagcggcggt 180
gggagaggct ggagttcctt cagaggaaga aagcattcct gcggcatgtg aggaggagac 240
accgcatca catggccccc tatgctgttg ggagggaagc cagaatctcc ccattagggg 300
acagaagtca gaatcgattc cgatgtgaat gtcgatactg ccagagccac aggccccaat 360
ctttctggga tccctggggg g 381

<210> 901
<211> 351
<212> DNA
<213> Homo sapiens

<400> 901
aacacattaa aagccacagt tcagggatat cagagctaga gaaaaactgt caaaaagcaa 60
atgcagagag ccttgaggtt atgtgtggaa taccacagag gaggaagtcc ttaatcagtt 120
atcttgcaaa gactcaacag aacctgggca taaaccaga cttgagcaaa cactaagaca 180
atggctcctg caagaactgt ctctctcaa tatttgagat atgtcagata cagcagtgcc 240
tttcagaatg tgctaacat ccctaaagaa tttgaatatg ccactctttt tttctgattt 300
aaaattttct tactgttgca aattaagaaa ttaaaaagat gtttaagatt t 351

<210> 902
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 902

tatctctaac	accactatta	aggtacacca	gtgttaaggt	acattaataa	ctacacaaaa	60
ttttatttaa	agagaacact	tagcagccta	tgatagtttt	caataaaatg	ttgcctctct	120
ttcggattct	cactaacttt	tgttactatt	ctaaaagttt	gaatttgctg	gggtgtttat	180
tctgaggatt	atttaaccat	tgttctattt	ggcataaccc	tatttaatgg	tgcttagagc	240
tgaattacct	acagaaactg	tttctggttt	aan			273

<210> 903

<211> 386

<212> DNA

<213> Homo sapiens

<400> 903

cgttgctgtc	gggtcttgac	tgtagccag	ctcaggctgg	aactgctccc	tgtccccaag	60
ccagcctccc	tgtctctctt	caaagagtgt	gagtcctttt	aggtcctggg	gtgtggggac	120
acacctcctt	cctcctctgg	ccggagggt	tggagcagg	agagcctgga	gaagtggggg	180
cactgtcggg	gctcctcggg	acacagacca	cgggacagat	gcgtggcctg	gccctggcat	240
ccatgggcaa	aggagagact	gagacacacc	gatgtgtcac	catggcccgg	tgcccagcct	300
tgcccagccc	ccagctgggg	gcagcacgga	gtcctcgcac	ggggaagtca	gtgtggggcg	360
tatgaggacc	aacagctggg	tcctgg				386

<210> 904

<211> 357

<212> DNA

<213> Homo sapiens

<400> 904

ggtgggcagc	caggcaccca	gcctgagccg	tgaccagagg	tccgagccat	agatgcagcc	60
ttggaatctc	agcctgcggc	gctggccctg	gtgccacact	tagcatgggg	gacgccaggc	120
tggagcagac	gccatcccaa	acaggcgctc	tgcccccggg	gactttggca	aggctgctgc	180
ctacgtgaaa	tgatggaaa	gtctaggctg	gccccaggct	ctttctggca	tggcctcagg	240
atcttggcag	gaggataaca	atgccaggag	ggggtgggct	gagtcatgtg	cctcctctca	300
tgggcctggc	tgcagtggtc	aggggcaggg	tggctcattg	tcggggcacc	ggtgccc	357

<210> 905

<211> 358

<212> DNA

<213> Homo sapiens

<400> 905

aagcagtcac	gtgattctaa	attcaccatt	acaccagtg	accactgagt	ctggaaacag	60
aatatatata	gcaatatcca	tgtataatat	acatttgcct	gtgcttctca	acttcgtggc	120
cacccttttc	atacaaacag	aaaagctcaa	agttggacaa	ctcttacctt	ccaacaattc	180
ctcaaaatca	tccacaaaga	actccttcag	tggagggcgc	tttggcctct	tcagggtggt	240
cagaaactgg	tggaatttgg	aggacactct	gctgttcaca	gggacacctg	tcacgggaag	300
gacagaggaa	cactgaggcc	aggacacatc	tgaaaaaatg	gacacatggg	gaatggcc	358

<210> 906

<211> 360

<212> DNA

<213> Homo sapiens

<400> 906

aggggtggtc	gcgatgctgg	ggagatgtaa	cctcagaaaa	gcaagattaa	gttatagcta	60
ttccacaggg	caccttcacg	caattagaag	aaagtgtccc	tccagaagat	gcagcccccct	120
ccaagggcca	tgtcttgga	aattcatcag	cccttgata	aattataaaa	agtcaacttc	180

cctgggtaga	tgcagcccca	gaggtatatg	gctttgtgaa	gagccagatt	tcagcaccaa	240
ctggcctaca	gaactatatg	cgggtggccct	ggttgttttt	ttgttaccag	atacatagca	300
acttatcttg	tgtactttgt	cggctctctg	tagtgaaaca	tgggatttat	tcctaattta	360

<210> 907
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 907						
cgttgctgtc	gggggctgcg	ggcgctcgct	ggtagcgagc	ccggaggctg	ctgcggcgcc	60
ggggctccgt	ggcctggatt	gaatccgac	gggagccatg	agcgtggaca	aagctgagct	120
atgcgggtct	ctgctcacct	gggtaggctg	tggggcgggg	ctaggggaag	gtgagcgccc	180
gctcctcttg	cccgggatcc	ctggccctgg	ttcggtcagt	ctcttggtgc	tggggctggg	240
aggtgcgggg	tcgtcgactt	gctggaccgt	tggactctgg	cccgagcacc	cgccccgctc	300
acgtggcaag	tctgctgga	aaggacaggt	gaggccccgc	ccctctgtgg	ttggttcacc	360
gtgggcgagg	acacaggtga	an				382

<210> 908
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 908						
cgttgctgtc	ggggccccga	cagtgetacc	ttgcttgaga	agatgaagct	caaggactct	60
ctctttgatc	tggatgggcc	caaagtggca	tctcctttgt	ccccacatc	cctgacacat	120
acctccgggc	cccctgctgc	tcttaccccc	gtgccccttt	cccaggggga	cctctcccat	180
cctcctcgaa	agaaggaccg	aaagaaccga	aagttggggc	caggagctgg	ggctggcttt	240
ggggtgcttc	ggaggcctcg	gccaaactct	ggggatgggg	aaaagagatc	tcgaatcaag	300
aagagcaaga	agcggaagtt	aaaaaaggca	gaacgggggg	atagactccc	acctcctggg	360
cctccccagg	cacccccag	t				381

<210> 909
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 909						
cgttgctgtc	ggacaagaat	cccacccttg	gccctgacac	tggcccttgg	ggccttactg	60
aatcaccgca	agaacaagat	tcattgtggc	tttggactca	ccatcggtg	agccctcctg	120
gtccccgcct	tgcaaaccct	tccgattgca	actccatctc	cacctcccc	tgccacagag	180
gggagacctg	agcccccttc	ccttccctcc	ccccttgtgg	gtcgggtggg	gacattagaa	240
aggagggaac	ccccacccc	aacatctgag	gaggggattc	tggaaactgaa	tggggcttcg	300
ggagtatgag	taccaggggc	ttcatgccc	gcgggcctgg	ggtcccggga	gggattgcac	360
aattgagagt	gacgcacgag					380

<210> 910
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 910

gaggagagtc	actacagaca	ccaagaatcc	attcaggcat	gtctttaact	tctacttccc	60
ggtactgcct	gccacaattt	tatcccttag	aaccagaac	agctgggagc	agataaaatc	120
ttcttgggtt	atgagttccc	agatgatgct	gctggcctgc	ggactgtact	ttgtgaactt	180
atgctggagc	agatggatca	gaaaccccg	ccagaggatg	ctcaggaccc	atcaagcccc	240
cgcgaggaag	gactcagacc	cccaacccca	ccaaattaaa	gcaggcaatg	gagaattata	300
ctgaagggat	tcttcggctg	ggcaaaaaca	tgattagatc	tgcatcttaa	agaa	354

<210> 911
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 911	
cctcatttag	tgaacatcca attcagaaga aaaacaacag tgaagacatt atgtatttat 60
gcagactaca	aatctgatga aagctatact ccaagcaaga cctcagtcag agtaggaaat 120
aattttcaca	accttcaaga aattcggcaa cttgagttgg tggaaaccaag tggctggatt 180
catgttcctt	taactgacaa tcataagaag ccaactcgta cattcatgat acagaatgct 240
gttctagcca	atcaccagaa tggagagagc acccatatga gacaaattta aatatacaca 300
ccaggtagaa	gagagctcca ttggtaaatt tcn 333

<210> 912
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 912	
cgttgctgtc	gccccacact ccccgttcta gccagcaaca tggatctcct gtggatggct 60
gaagccaaga	tgcccagggt tggacatggc acctttctgc tgtgcctgga aaccatttac 120
cagaaagtga	cgggcaagga gctgagatac gagggcctga tgggcaaacc cagcatcctc 180
acttaccagt	atgccagagga cctgatcagg cgacaggcgg agaggcgggg ctgggccggc 240
cccattccga	agctctatgc tgtgggtgat aaccctatgt ctgacgtata cggcgccaac 300
ctgttccacc	agtacctgca gaaggcaacg catgatgggg cgccagaact aggggcccggg 360
ggcacacggg	agcaacagcc ctcacg 386

<210> 913
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 913		
acagaaccac	ttcaactcct tctttctctc caagtgtaca caatgtgaca gggactgttt 60	
ctcagaagac	atctccttca ggtgaaacag ctacctatc cctctgtagt ggcacaaaca 120	
catccatgat	gacatcagag aagataacag tgacaacctc cacaggctcc actcttgga 180	
acccagggga	gacatcatca gtacctgtta ctggaagtct tatgccagtc acctcagcag 240	
cotta		245

<210> 914
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 914
 cggttgctgtc gggagcggatg agggctctgag acgggtgggag cgggttggtgtg aagatggagtg 60
 ttcccgaggg aaatgacaat tacctgacga tcacagggcc ttgcgacccc ttctgtgcag 120
 gggccgagac attccataca ccaagcttgg gtgatgagga atttgaaatc ccacctatct 180
 ccttggtatc tgatccctca ttggctgtct cagatgtggt tggccacttt gatgacctgg 240
 cagacccttc ctcttcacag gatggcagtt tttcagccca gtatggggtc cagacattgg 300
 acatgcctgt gggcatgacc catggcctga tggagcaggg cgggggggtc ctgagtgggg 360
 gcttgacctat ggacttggan 380

<210> 915
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 915
 cactgctttg taagtctttt cttatttttt catatgtaca tttgactttt ccagctaggg 60
 tgtaagttcc ctaagggcag ggtgcatatt ttccatatgt tttggcacct atactaggcc 120
 tgggtatata ggaagcaatt aataatatat gttaaggctg gggg 164

<210> 916
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 916
 agctgggact acaggcgccc accaccacgc ctggcctaatt tttttgtgtt tttagtaggg 60
 acgggggtttc actgtgttga ccaggatgat ctccatcttc tgacctcgtg atccacccac 120
 ctccggcctcc caaagtgtct ggattacagg cataaaccat aaaccactgt gcccggcctc 180
 tttttttttt tttttattcca tggagggacc tctcttttta ccaaaaattc cccccactgt 240
 tgtcctgttc tattttttgtg acactccctg atctcgtgtc gctcgcgtta tccccgccc 300
 cctgttttta attttttttg tagactccgc ctcacccctc cccg 344

<210> 917
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 917
 catagaggag taattgggta attcctgtgt cttaggaag tctctctggc tcccaggagc 60
 agcatactag acacagagga ccaagtagtg ggctcctagt atccttcttg tggccaaagc 120
 cttcacagtg aaaatagata ggaagagcca cctcgccctg cccgatattt gtttttaaaa 180
 ggctgggcat ggcttatgcc tgtaatggta gcacttcggg aggccgaagt aggaggatca 240
 cttgagacaa ggagtttgag actagactgg gcaacatagt gagagcccat ctctacagaa 300
 aaattttgta gggccgggcg cggnggctca tgctgtaat cttagn 346

<210> 918
 <211> 345
 <212> DNA

<213> Homo sapiens

<400> 918

gacaaactgac	tgaaatttaa	aaataacttcc	caagtcacaca	tacagaccca	tgagccgagg	60
aggaagaatt	ataggctcaa	agtgtctgag	tacaatctct	aacaaatcat	cagctgacca	120
ctaagctata	tagatataga	tgttaccctt	gagaaccctg	gatgaaaaaa	taacaataac	180
tgagcagaga	catcagcagc	cacaaatcac	aggaaagaaa	gtttctaaag	ggctaaatca	240
tccaagcaga	caaaatatta	ccatcaacaa	ccagcaggga	aaaaaaatca	tcataatcca	300
gcgtagttaa	aatattattt	atcgtgtcca	gtgttcagg	aaaat		345

<210> 919

<211> 294

<212> DNA

<213> Homo sapiens

<400> 919

gctccccacc	cattcttcac	tgaacctcct	gctccagcct	ctgcctcctc	cattttgatg	60
tctagaatca	gggatccag	gatcatcacc	aaggctcatt	tcccagacag	atgtgctgag	120
gctgtagaaa	gtgcttttta	tttggttggg	agcttggtgca	taaatgagag	aggggctgca	180
catctgacgg	actataggtg	actcatgggt	gaaccggaac	aggacatcgg	ggagaagcca	240
gcagtcagaa	ttcagaaccc	caaagaaaat	gacttcattg	aaattgaact	gaag	294

<210> 920

<211> 375

<212> DNA

<213> Homo sapiens

<400> 920

tacggttgct	agaattcgac	agaaagggtc	acaaaataat	caaaacaaat	cataataaaa	60
acggaagaaa	aaaatatatt	agcggttcct	agactcttac	aatgtaattc	aaactgagtt	120
gtaatttcaa	tacactttct	ctgttaatga	atgtgcagat	aactgggtta	attttccatt	180
caataaattt	ttcttataaa	gatgaaggaa	ggccatgcgt	ggtggctcac	acctgtaatc	240
ccagcacttt	gggagggcga	ggcggttgga	tcacgaggtc	aagagttcga	gaccagcctg	300
gccaatatgg	tgaaaccccg	tctctactaa	aaatacaaaa	attagcttgg	cgtggtggcg	360
tgcgctgta	gtccc					375

<210> 921

<211> 351

<212> DNA

<213> Homo sapiens

<400> 921

cagcacacaa	acagtggctt	atccaggtcc	atcatattat	tacaaaatta	ctattatcac	60
tattatgtaa	taactgtttg	cttaaaaacta	ttttgctttc	aatgtatttg	aaacactttg	120
cttatctaac	acattaaagc	tataaagtca	tataactttc	ctctccattt	cacaagacag	180
aagataagct	cagaagactg	gacctatgtt	gaatggtttg	gctaggatga	cagagtcagt	240
atgaggaaga	tcttggacct	aagtcttctc	tttatgtcac	tcttttatca	ctctgcattg	300
tcagttgtac	atacacatta	aattgagtg	tgacaatttg	ttaggagata	a	351

<210> 922

<211> 322

<212> DNA

<213> Homo sapiens

<400> 922

agctatatat	atacaacctg	caacaggagg	gtcgtagaac	ccagaagcat	tagtcctgga	60
ggacttctcg	aaagaggtga	gttttggtta	agatcctgtc	aatgatgctg	gcatagacta	120

taagagagga	ggctgggcac	agtggctcat	gcctgtaatc	ccagcacttt	gagaggccaa	180
ggcaggcgga	tcacctgagg	tcaggagttc	gagaccaggc	tggccaacat	gaggaaacgc	240
tatctctact	aaaaataaaa	aaattagcca	ggcgtggtgg	tggacactta	taatcccaga	300
tactcgggag	gctgaggtag	ga				322

<210> 923
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 923						
gggacaaaga	gctacctggc	ctgtaatgtc	gatctttggt	gattgagaga	cccctgcgcc	60
caaagacatc	cctaaccctt	aggatttaac	cctcttcagt	caaacgtttc	cttaacccta	120
tcagcccatg	tttttctttt	cttggtgaaa	gctgagcact	tcataggctg	tttacaggtc	180
cttctccaca	ggaaaatact	tcctccagga	caagaaccct	gtcttggttc	caaactttcc	240
caattataag	agtcaccttt	gcgcttggtt	aacctgcttc	caggtgcttc	tcctgagggt	300
ttctgattca	gctagactgg	agggggggaa	ctgacgaggt	gggtgggtt		349

<210> 924
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 924						
aagacttcct	ctaaagtgga	actagcccaa	cctcggtgta	cccacctcga	agtctctttt	60
atatgttgag	tttctaatta	ttgatgctag	taccataaaa	tgaggataca	attatcatgg	120
cagccatgag	tgaaattttt	gtagaacagg	atttattaat	catctgtttt	actgttcaaa	180
aatctattag	ctaggacttt	ctgccatgtg	tataagcctg	atttgtggaa	taagagaagt	240
ttggaagagt	cactatatag	gaatcttcct	tttaagaggg	catatgtttc	taatacaggg	300
attttagctg	tattattttg	gtc				323

<210> 925
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 925						
catcatgttt	gccaggctgg	tctggaacta	ctgacctcag	atgatccacc	tgcctctgcc	60
tcccaaagtg	ctgggattac	aggcgtgagc	cattgcgccc	ggccttcctg	aagtaactca	120
tatctgcttt	gttttttatt	cagtgcacagc	tacgttgaaa	aaagtagtta	ctttctgata	180
gattccagta	ttcacaggat	ttaagcaata	aaaaattagc	aatattttta	ttgaatgctg	240
tcattttaca	aaataagaca	ttgaggtgca	cattatgggc	tagtttgggg	gaaaacggga	300
cttaaacaaa	ataagaaggg	ctggactggg	cattgggaat	aataaaaaa		349

<210> 926
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 926						
aaaaaaaaaa	aaaaaaaaaa	aaaaaaagg	ggcccgtttt	ttacaaaaac	ccaaacttga	60
aaaaaacctt	ggagggggtg	gaaaaaccca	aacaaaaaag	gcgggaaaaa	aaacccttaa	120

tttgaaaaat	tggaagcca	atggttta	at	tggaaccaat	aaaaaccgga	aaaaaacagg	180
taaaaaaccac	cattggcttt	tttttaattt	taaaggtcaa	gggggggggg	gggagggttt		240
taancannnn	caaccanaaa	aatngaggtt	ctcattagcc	gtgattttat	ttt		293

<210> 927
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 927							
attatatattt	taatttactg	tggatgacta	acacttatta	gtattctttt	ctgctgccac		60
gaacactgaa	agcttctttc	tgtctgggtc	ttggcaaagt	atgaaagtaa	ataattcttt		120
aaaatataca	tagtcagtcc	aagaaaaatcg	ggagacctca	attgagtttg	gagtcactga		180
tgtacttcac	atttacctta	gaaaactgat	ctagagtatc	aaagaaatta	aaaataatta		240
atttttagaa	tcacaatgca	gtataaatca	ttcaaccaa	ctccacactc	tagatggcca		300
ttaatttgca	agtgaagtag	gtcactggga	ctcttaatat	atag			344

<210> 928
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 928							
gttgagtgca	gccgagatca	tgtcactgca	ctccagcctg	ggcaacagag	caagacactg		60
tctgcaaaaa	aaaagaaaaga	aaaaaaagaa	aacttgtaaa	agtaacaaat	gcattccact		120
ggattgctgg	tcattgttca	atgctcttat	aaaccaaaagt	tatctacatt	ccttaaatta		180
acatttggtg	agaaactgag	caaataaaaag	gaattactgt	cattgtcatc	aatttcacat		240
tttaaaaaag	aaatttgaca	attactatat	tctctatatt	tttcaagaat	aatgaatttg		300
gagccgggca	tggtggctca	tgectgtaat	cccaacactt	tgaggag			346

<210> 929
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 929							
ccctattcgg	aaaaaaaccc	aaactggaaa	aaaaccttgg	gggggggttg	ttcccccccc		60
cccaaaatgg	ggggaaaaaa	ttgctttttt	tggaaaaccc	ccaatgaaat	gggttttaaaa		120
aaaacccttt	tttggggaaa	ttagaaaggt	taccctttat	tttggccctt	ttttattttg		180
caaaaaacag	gggggggggg	gggtgctttt	tttttttttt	ttaggtttcg	gggggggggg		240
ggggagtttt	ttnnnnnnag	anncnccgng	acatttctat	ctatactatt	g		291

<210> 930
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 930							
tacggctgct	agaatacgac	agaaggggtg	caatggaaac	agagcgaacc	agtattggtg		60
ttgggttaga	tgaggcccta	acaagaagtg	taaaggggta	ggctgtcatc	atcttaaaga		120
catttggttc	ttactctgtc	tccactgaag	cttgccaagg	actgatgttg	gcaaaacaaa		180
tctggtcagg	caagcaaggt	tatatataac	aattagaaga	ggtcaaccag	ggttttattt		240

caaaaacaaa tatttactgc acacccacat catgtcagac atggtactaa acagataaaa	300
cacataagca gacatggtcc ctgctcttat agagcttcca ggaagcttat gaatttaatc	360
aaagactcaa gccc	374

<210> 931
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 931	
cggggctcac tgtgaacgaa ccactcatcc caagcgccgt gaagaacact gatatotgag	60
aacctctgtg atgctctggc tttatctggt ccccttatca tctgaaatgc ttatggtacc	120
cgctccagtt gccttcatac tatgtatgca gggcagggtc aacatacgca aagtcaataa	180
atgtaaccca tcacataaac agagccaatg accaaaacca catgattatc tccatagatg	240
cagaaaaggc ctttgataaa attcaacaca acttcatgct aaaaactctc aataaactag	300
gtattgatgg aatgcacctc aaaataataa gaggtattca tgacaaa	347

<210> 932
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 932	
cgggtgcgtc tcttgttata ctctgtgaag cgagccagat ccaactttgc ctttgtgctt	60
atgtgtcagt ctctgctctt tgatgggtcac gcctatatgt tgtccagact ctgttttatt	120
taatctgtga gttttctttc taaaaacata ttctatatc cgttcaaga gtggagctaa	180
cttcacagga tttgggaaaa ttctgattat tctagcccat acacagaatg cccaggacaa	240
ggaagacacc acttctctga ggaattgtgc caagaatata agtcggtgaa gtcagcatgc	300
acatggtgaa tgtttacaat gtgccaggta ctttcatata ctattctatt n	351

<210> 933
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 933	
tacggctggt agaatacgac agaagggctt agcacaacag agaaaagctt taaacactct	60
tacctttgac tggaattaca cacacacaca cacacacaca catacatata cacacacaca	120
tacacacaca cacactatgg ctttcccaca aagccatgat gcatecttaa aaataacaca	180
cagctctgaa aagtgaatgt cgggggtgaa gagagccctc ctacactcct tttcctagt	240
atgacaagggt tgtgggggca tggctgactg tgaggagcan aagatgagag ggagatatca	300
ttttacttct ttgcactgcn ataataaaaa gaacagatat aatggaagga agaggccagg	360
ggcagtggct tata	374

<210> 934
 <211> 344
 <212> DNA

<213> Homo sapiens

<400> 934

tatattaatc	tagtctatct	tagaacaagt	taaatagtat	atgtacttgt	aataacttgt	60
gcctacatat	gttagttttg	tctattaatt	tttctgttaa	aaagaatatg	cattgaaatg	120
agatggaaaa	caaaatgaag	agtgcctaaa	aaattaaata	ttttagaagg	atcaatatcc	180
taaggggtgt	gggtaatttt	ttcctacttt	ctaaaacttc	agattccctt	cactcactta	240
aggttgact	accattaatg	caatgttttc	tgggagtgc	agatttgcaa	atgaattaat	300
aacagctaga	agcctcacta	tttgacttt	tataacattc	tttg		344

<210> 935

<211> 351

<212> DNA

<213> Homo sapiens

<400> 935

tagcagtagt	agtagctacc	tcaaaggact	gtagtgagga	gtaaagttac	atacaaagca	60
cacagaactg	cacctagctc	agagtatgta	taataaaagt	attagcta	attactgtag	120
tggaaaactc	ccttaattca	agtgattgta	ccttttttac	tcaaatacct	cctcctcacc	180
ctgcatctcc	tgtggctcca	tgaaatcaag	gcctgcccc	gaacagtctc	tgtgccaaga	240
cagcttttag	ctcaccacac	ccactttatt	tacagataaa	ttctgacata	cagatgtggg	300
tttcaacctt	ggttcctgtg	tcctcaacca	aaagataagc	ttttcagggg	g	351

<210> 936

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 936

ctgtcgccca	ggctggagta	tagttgcgcc	atctcagctc	actgcaacct	ccacctcctg	60
ggttcaagca	attgtcctgc	ctcagcctcc	caagtagctg	ggactatagg	catgtgccac	120
catacctggc	taattttttt	tatttttagt	agagacagga	tttcactatg	ttggccaggc	180
tggnnntncaa	ctcctgacct	cangnnnatc	ctntnacccc	cctccctctc	tttttttcac	240
cacaatttac	tctcaccatt	ccctcctctt	taaatatata	aaacaaaaat	ctcaactccc	300
cttaaccaat	ccatttcctt	tcaattaata	aattgccaac	aacct		345

<210> 937

<211> 273

<212> DNA

<213> Homo sapiens

<400> 937

agaaggggttt	catatgggga	tgaggagatg	tagtttttat	cttttttctg	taagaaattg	60
gtggccttca	ggttttttct	tacttcttaa	tgtggagtgg	tcttatcg	gtctttttct	120
ctggctcacat	atctatactt	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	180
tgtgtgagac	aagggctctc	ctctgttccc	caggctggag	cgcaggggtg	tgatctcata	240
ttgtgcaacc	tctgactccc	aggttcagag	tgg			273

<210> 938

<211> 345

<212> DNA

<213> Homo sapiens

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<400> 938
actgcgcgcg gcctagctgg aaactttcct gccagctata tcagtcatat ttctcagcct      60
cactagcatc aggatgtggc catgtttctg gctaattgga tgtcaacgga tatgttcagt      120
gggacttcct agaagcttcc tttaaaggga gcagacaggc cagaggaggt gcctcatgac      180
tagaatccca gcactttggg aggctgagct gggaggatca cttgaggcca ggagtttgag      240
accagcctgg gcaacatagt aagacacccat ctttacaaaa tataaatttt ttcttttttt      300
tttttggaat taaagtctcg ttttgccccc caggctgaag ggcag                        345

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<210> 939
<211> 325
<212> DNA
<213> Homo sapiens

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<400> 939
gcaacatagt gagacctcat ctctacaaaa atagtaaaaa ttaaccagtt gtgatggcca      60
gtgcctgtag tcccagcgac tcaggaggct gaggtggttg gattgcttga gcctggaagg      120
tcaaggctgc agtgagccat gattgtgcca ctgcactgta gcctgggcga cagagtgaga      180
ccccgtctca aaaaataaaa aaaaattgtg ttttcaattc attgggagct gaactagcat      240
gccaaatata ctttagtaat tgttttatca cgataattat gataataaat tttgttttac      300
agaggcaacg gttcagaata ttctct                        325

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<210> 940
<211> 352
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

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<400> 940
ataatatctg agcaaaatth cataaaatca agacacccat aagtcagggg aaaagatttc      60
tctcctccat taaagaagac tataaaagta ctacaaaagg ttttggtaaa cgattcctta      120
ggaagagttc tttgtttctt ttcttctctt tcaagtgtac aacaggatgg tcagcaagtc      180
taatcctgct gatcgtaagg cctttaatga gacatagggc agcaggtagt ctagatttca      240
aaaggtacat actatthagg gcttcataga ctacagagtca aacctagaat ttgattgtct      300
aatgtatgag tatctagggt aattcataaa aagtggacaa ttctcccagg an                        352

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<210> 941
<211> 349
<212> DNA
<213> Homo sapiens

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<400> 941
aggacaataa atgaaaacta ggactctccc aggctaacta aaacataaca gttagttttac      60
agatagctac ataggaattc caagaaaaac tcagtttggg ttgtcagaga atggtttgga      120
ggaaatcaaa gggctacaat ttataaatgg gaaagttaca agtaaatgta gaggcaagaa      180
tctgaaatg aacatgtgaa aatacaccta gaaggaaatg gttagaatgg gaataaatgt      240
ggctaacatc taaaactggg ctttagaact aaaggagtta agacattttt atagaattca      300
gtcttttggg ctccataaaa aatgaggccg gccgggtaca gtggctcac                        349

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<210> 942
<211> 347
<212> DNA
<213> Homo sapiens

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<400> 942
aactgacttc caagaacaaa ttgttaaaac ttttaacagaa aaaccagtta aaggcgctca 60
tcaagagagt ccttttcatt tggatataat ccaaaactat gaaaatacct tttgtattat 120
gtgcatgcag aaaattaaga atttattcaa tttgcagaaa taaatcagtg atataatgga 180
aacattttaa attttatctc tggaaaataa tccaaaatca tctatcaaaa attataggcc 240
gggcgcagtg gctcacgcct ctaatcccag cactttggga ggccgaggtg gatggatcac 300
ctgaggtcag gagttcgaga ccagcctgac caacgtggag aaacccc 347

<210> 943
<211> 345
<212> DNA
<213> Homo sapiens

<400> 943
aacaatataa ttacattgta gtgtcttcta aatcccttat tatacaataa atcttctgct 60
tccaaatcat ttttatatag tatgctattt taatgaaata ctttttagaga atcaaagaac 120
actggagcta gataggactt taaagattat cgaacaaaac cattcatttt aaggtatatt 180
ggaaacttca tctcacaaaa tcacgaaaaa ccccaattca gcaagtcaag tttcagttat 240
cctttagata cctttctaag gagaaagaac ctgcagcaga tgacagaaat tgtagaatac 300
tacctcacat ctgaataaga attttaaaaa tttccaagca ctttt 345

<210> 944
<211> 352
<212> DNA
<213> Homo sapiens

<400> 944
atagatgaga ggtaatgtct ttacatggga acaatccaat aaagtcctac aataatatag 60
ggcaataaat tttggagagc ttttaattact gtgcaagaaa aatattctag ttgaaatgaa 120
gagtctcctt ggctgttttc cgcacagcag agcaaaccgt cttctccatt cacatttctt 180
ggagttaaga gcctggccta ggctgggcgt ggtggctcac acctgtaatt ccaacacttt 240
ggggggccaa agtgggtgga tcacctgaag tcaggagttt gatatatcac tgggcaatac 300
aatgaaacac tgtgtctaca atatattcaa gaattatcca cgtgtgggta cg 352

<210> 945
<211> 353
<212> DNA
<213> Homo sapiens

<400> 945
cgggtaactc acagggcaga ctaccagctc tagagctcaa tttatctgga ggagattcaa 60
cacacctgct tctctttttc cactggcatg gctcttggtg cgaatttgta tttatgtaag 120
aggtagaaag tacacatcat caccaccaga aaaatattcg acgcccttta ttaaacaatca 180
cacaactttg tcaatgggaa aagctgcccc aactgtttta gatcttacct ctcaacattg 240
ttgtcaaagt acctttccac tctctggtag tgtctttgag agggtttgtc tattggactt 300
aaaactacat acacaaaggt aagataaagg ttattttacac agccaatctt aga 353

<210> 946
<211> 347
<212> DNA
<213> Homo sapiens

<400> 946
tctgagaatt ttctataaca caaactcctt aacttcctgg tgggtaatgt tttctgggtg 60
ttttttctgt tttctgtttt ttttgttgcc atttcttctt tagtaaaatg aaaattgcaa 120
gtagaaaaga aactaaaaat ggatttagtg tgaggacagg ttcctttttc tggcaggatt 180

gtagaacact	ggtattcagt	tgactgttta	caatgaatat	atcttctggt	tggtcatggc	240
cagaagagaa	aatgtcattg	gtttgtgccc	aagcaaattg	attattaaaa	tacgttgaat	300
atgaccccat	ggttgcaaac	atcccttttc	ttagtaattc	ttagaga		347

<210> 947
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 947						
tttggatttg	ccgttattat	tgttggttaa	ctgactaaaa	tcatacatgg	aataatagaa	60
atcaggccta	acatcagata	gacttttcca	ttcagttaag	ttattgtgta	gcaaaattta	120
ttttgtcagt	tcactacaca	atgtgacagt	atatagtttc	tctaatagag	taacattaaa	180
gaggacatat	aataaacca	aaaatttgag	ttccagataa	gtttggtgtc	tcactagcaa	240
gatgacgtta	aataactcat	ttaatttttt	tgaaatctta	atcttctggt	ctgtaaaata	300
aaaagcaatc	tgtctcttgt	ccaaaagact	atgtaggttt	tttaa		345

<210> 948
 <211> 348
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 948						
ggaaacgtgg	aattttacag	ttacagttcc	attgagtcaa	atcccatttt	atatatacat	60
aaaaattaag	ttctgagtga	gttctagcta	aatataagtg	cgactgtaaa	cgcagccaat	120
ttttttaagc	agaatatgag	aacacctaag	tattctcttc	atagcagttc	ctataaaggg	180
attaaacact	tatttctgtg	ttatggntct	tattcatata	tttttatagc	accttttttt	240
ggaacctata	tttgtgcttg	aagggtgttt	tgatatttgg	aaacagtata	agccatttgg	300
agtcattgatt	ggtgggcaag	tggattcaag	ctaaaatact	aagaccan		348

<210> 949
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 949						
gtcatcaaca	tcctcattgt	catggcaaatt	tgtgagttaa	tctttgccag	cgtcagatag	60
ttcatcaact	tccttttagc	cagattgcaa	aaagtcccat	gactctatct	ccaactccaa	120
tgccatctga	catgagacaa	aatcagagta	gattaagata	gtggtcttaa	ctgaatgtag	180
ataaagtatg	ctacttgtgc	aaatttttca	gaaatatatg	accatatgaa	catgttgctg	240
aggccttgcc	aggccttgaa	aggggcctgt	gcaagtggag	ggcacagaga	ttaagtttta	300
ttagcttctc	agagattc					318

<210> 950
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 950
 cggggagcca ctttgacaac gtcctctgtgc catgctgtgac catgacctgc tgataaggat 60
 ggacatcctg cctagtactc aacctgctgc ctttactgct ggtaggagtc gttctcactg 120
 cgacacctgc taattgtcat attatttaga ggaagaccaa ttgtctcaa agcccatctc 180
 ttgctttgag tgggtggttc cagcaattat aggagcaggc ctgatggcca ttccagcaac 240
 aacaatgtcc ttgacagcaa gaaaaagagc gtgctgcaac aacagaactg gaatgtttct 300
 ttcatacactt ttcagtgtga tcacagtcac tgggtgctctg tattgcatgc n 351

<210> 951
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 951
 tgatactgag aaacaagtaa tgaagcttaa aagtgtgtgt tgtgtctgtg gccaaaggca 60
 gcagagcact tgtctctggt ctccatatac acttgacata ttaccttca gtattctgag 120
 gaagattttg attcatttca caggaataa cactcaccta ccatgcttaa attaccgtac 180
 atattgtgag actttattga tcataaataa gttactctca accttgagat ctggcttcaa 240
 ttttctggat tctcattctt tctcctttat atcagaagct tcataataga caatgggggc 300
 aaatatgggtg tggagaaata atcagtttat atttagatat ttttaatg 348

<210> 952
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 952
 ggacctgtcc cctgggggtg ggtcctcact gcttccctgg gactggctgt gtaggggttg 60
 atgtgggcag tcagaggggg tagggagaga agggtttggg gtattgcaca cacaccaaca 120
 ctcaactcaga catgatccat gcacacacac aacttgagc atgatgcgca catatatacc 180
 acacaaatat acaccatgtg cacacacacc acacacacat ataccatgca cacacaaaca 240
 caaagacaca tcatgtacac agacactcaa acatatgccg tgcatacaca tacacatcac 300
 acactcaaat atacaccatg ttca 324

<210> 953
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 953
 cgttgtgtgc ggccgggatg ggatgtggcg cctttttccg ctgcgacctg cgccccccc 60
 gccccgcgca gctaaattcc ggcgaggagg cgagctggca ggccggctcc tccactctg 120
 ggcagcgggg tcccgcgtcc cctccccac tatttggcag cgtctggggg tctggggcag 180
 cttcgttcat tcacccgggg gagttggggt tccgggaagg gtcggaagct cctccctcgc 240
 ttcttgagg gtaatggggg ggtgcctttg actccggggg tggaaaagcg accccacatt 300
 caaggacgcc aatggcatgt tgagctttcc caatctaaac caggtgcgtg gagggaagca 360
 agtgcttact ccc 373

<210> 954
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 954
 cgttgtgtgc gaaagacttg gagaagattg ctcccaaaga gaaaggcatt actgctatgt 60
 cagtaaaaga agtccttcaa agcttagttg atgatggtat gggtgactgt gagaggatcg 120

gaacttctaa	ttattattgg	gcttttccaa	gtaaagctct	tcattgcaagg	aaacataagt	180
tgaggttct	ggaatctcag	ttgtctgagg	gaagtcaaaa	gcatgcaagc	ctacagaaaa	240
gcattgagaa	agctaaaatt	ggccgatgtg	aaacggaaga	ggaaccagg	ctagcaaaaag	300
agctttcttc	acttcgagac	caaagggaac	agctaaaggc	agaagtagaa	aaatacaaaag	360
actgtgatcc	gcaagttgg					379

<210> 955
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 955						
ggtcggcgac	gcatcgcgcg	atggcgcggg	cgggacagtg	cttgtgaaac	tgaacacaaac	60
aaaagtatgg	atatgggaaa	ccaacatcct	tctattagta	ggcttcagga	aatccaaaag	120
gaagtaaaaa	gtgtagaaca	gcaagttatc	ggcttcagtg	gtctttcaga	tgacaagaat	180
tacaagaaac	tgagaggat	tctaacaaaa	cagctttttg	aaatagactc	tgtagatact	240
gaaggaaaaag	gagatattca	gcaagctagg	aagcgggcag	cacaggagac	agaacgtctt	300
ctcaaagagt	tgagacagaa	tgcaaaccac	ccacaccgga	ttgaaat		347

<210> 956
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 956						
cctgcctttt	tataaaatat	gacaaattgg	ccatttgtag	gacatttctt	cggtttctaa	60
caaactaaca	gaaaaattaa	tcttgactgc	aatagtaa	tcctcttata	atttagtgcc	120
aagaaaaaga	aacttttcag	aaaacgtgaa	aaccacctct	gcttcctggg	ttcaagtgat	180
tctcctgctt	cagcctccca	agtagctggg	attacaggca	cgtgccacca	cgcccagcta	240
atttttgtat	ttttagaaga	ggacgggttt	naccatgttg	gccaggctgg	gttcgaattg	300
ctgacctcaa	gtgatccacc	cgcctcggcc	tcccaaa			337

<210> 957
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 957						
ggaaagctga	catcagttgt	ttccttactc	tatttcaagc	tttttttttt	tttaacacaa	60
ttaacggggg	ccatggaacc	ctggccaggg	cccttgagg	ccgagggtct	tcagtggaaa	120
ccgagaaaac	taaggtttgc	aggcaggcgg	gggcctttcc	gaaggcccg	gttggttttg	180
ccaaccaa	ggggtttcaa	aagaattggg	ggggaaggaa	agaaaacata	ggccttggac	240
cccaaata	acaaaccgcc	aatggaaaa	aggtttgggg	gccccccaga	cccttaaaaa	300
ccaattcaaa	aggttcta	atggaatttt	aataacaan			339

<210> 958
 <211> 206

<212> DNA
<213> Homo sapiens

<400> 958
cccagggacc acagtttggga tatgcttggc atagttgcta aaaatgtatt gagtgataca 60
gttagcattt gtgcgcttta tctagccagg ctctctagct tttgtttttg aaacacgtat 120
gcagtgggtt gtaacacaca ttgggatttt tcaaggacaa tttttaaaaa ttactgtttg 180
ttggacaggc gcggtggctc atgcct 206

<210> 959
<211> 338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 959
gctgggcagg ggtaaagtaa ggtaaaatag agatcaggcc tgcagaatcc ctgcgaagac 60
aaaaccactt agtgaactca acctttcttg atttgcaaac ctaaggaaaa cttaacttga 120
gctaactctt acaaatgcct gtattacaga aaaacagagc ttaagctcaa ccaatcagag 180
gtagccaaca aactttcata attaggaacc ttcataggag atcaatcaaa taaggcaatt 240
gtgtaattat atccaatcaa atgtttgctt tgctttacct ctgtttctgt cttataaagg 300
cctccccata gattcccttg gtggagttcc tgaaccan 338

<210> 960
<211> 343
<212> DNA
<213> Homo sapiens

<400> 960
tctccaatga aggtactttt gctaagggtgt gtgaagatac ctggtgctgg gatcaggaga 60
catgaaaaaa ctaagaaaaa aaatactgag aaaagttttc aatagctttg taagccttca 120
gaatgtaaag tacattaaga aataaaaaact taaatgcagt gggtagaaaac atggcaaatac 180
tgaaagctaa acctgactaa ggctatcaac ctgccatgtg ctaaaaacaa atgtactcac 240
tcagaaaaac tgaaagaggt actacatacc tattaataca gctaaattta aacagtgata 300
atactaaatg ccgacaagta tgcaaagaaa ctggacttct cat 343

<210> 961
<211> 341
<212> DNA
<213> Homo sapiens

<400> 961
tgcacccgga aggtggaggt tgcagtgagc tgaaatcaca ccattgcact ccagcctggg 60
tgacagagtg agactctatc taacaaaaaa aagaaaagaa aaagaaaatt tcttttccta 120
gtttatttga aattatttta ttaaaagggg atggagaatt aattgtatca tcaaaaaaat 180
atctttttaa aaaaaaggtt tcacaggagc catccatctc aaaaaagcag ggaaaaaaa 240
tatgagactt tcaatattaa aaatgaccaa atattaagat tggcttctct ctctttcttt 300
tcattaactg acgctaacca ttagaggaga ggtgactcta g 341

<210> 962
<211> 202
<212> DNA
<213> Homo sapiens

<400> 962
 ttagatgatg gatatctaga ggtgtattat atcattggct ctatcttgta tgtttgaagt 60
 ttccatagta taaaacttag gaaagttaat ttaaacagac aaatacccca tcatgaaaat 120
 ggataatcaa aaggaactct tgataatgaa agaactaaaa gtggccagat gttttcaaat 180
 gcttagcttt actactaatt ct 202

<210> 963
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 963
 cctggatgac agagcaagac tctgtctcaa aaaaaaaaaa aaatcttttt ttagccccctt 60
 tgtggtgaac cttcaaacc cctaaaaaaaa agagaagatt tttttgttgg ttggtttctg 120
 aaacagagcc taactttgcc gtccaggctg aaggactttg aacacttctg gtttttttta 180
 aactgttacc accaggtgtc tacaactgct gacccactg tggtttaaat tctattcaaa 240
 acagacatcg gaggtctctga ggctgatctc atgtgccccg tgagaacatt tggaatttga 300
 ggaagaggag actggccttg gtatgccttg ccatcacct 339

<210> 964
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 964
 acatggtacc taagatacta gaatacattt ataaatattt gttgaggaac taattataaa 60
 gactattcca ggtgcttttag gggttcagcca caacctatta taagtaatac ctattataag 120
 tgggtgcttg taatagatat taccatatta tctaagcact cactttaata ctattgttc 180
 tgggtctcac ctgatgttat gatatgaatc tttttagcta tactctgac cagaagatca 240
 catgattagc atcaatttct aaggacagta ataaacttga tagttctgag caaatacata 300
 cactacagaa taggcattca acaaatattt attggctgcc ta 342

<210> 965
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 965
 gtgggagctg agggcaggga tcaggcctgg aggggaagcag gcccagaggt gggcaccaag 60
 gaggagatgg agggagcttt gtcccatttc tctctgagtc ttggcccat cttggaaacc 120
 tggccccaga ctgccattct tgaatatgtg ataattactg ctataattgg tggagcccct 180
 gcaaggggct tcatactttg cctcacttaa ctttcacaac tactagaaga gcgaggccct 240
 cttatctctg ctttcagatt aaggaagga gatgcagggt gatgaaatca cttgtccagg 300
 ctgggggca 309

<210> 966
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 966

tttgtat	ttt	taata	gagat	agg	ttttcgc	catg	ttgggc	agg	ctgggt	cga	acccctg	60
acctt	gtgat	ctgc	cctgc	cct	cggcctccca	acagag	cag	cct	gatgag	cct	ccccgta	120
agaaa	ctgct	gaaat	gttgg	ggc	ggctgta	tgt	ttttgtt	ata	aggaaaa	gg	taacattt	180
gtgga	aggca	gtact	tcaca	gtg	atacatt	taat	gggtgc	atatt	caaat	ct	caaatgag	240
attact	agta	atctag	agca	ggt	gtttctt	atccc	agaaa	gtt	cttaa	gt	ctcagaat	300
tagtt	ctctt	gagaca	agag	ccat	at	ttttc	ctgtan					336

<210> 967
 <211> 339
 <212> DNA
 <213> Homo sapiens

ttttgcagta	tgtgcatgca	ttttctattc	acaaaaatga	aatttttttaa	aaaagggggc	60
agtacttagc	acaatgccta	gcagtgggtg	cgggtgggtg	gatagccttt	ctgcagctct	120
gggcagatga	ttcactgcag	aaatgcagcc	cagagatatc	tagaggctgg	ccatagcctc	180
cagactgtcc	tcctagcctc	tcggtctccc	ttcttcattc	tatatgatcc	atgtttcccc	240
atcggagaat	ctttgcattt	tagagatgta	aaggggcttc	agattttcta	gtgcaactgt	300
tttaacgggtg	aagaaactaa	gcccccaaaa	gatgccatt			339

<210> 968
 <211> 340
 <212> DNA
 <213> Homo sapiens

ggacactgga	ccaaatgtct	gatcagctca	tcacattgtc	cacatgaaat	ggaccgtctt	60
cctcagttca	aaataatcaa	atgatagatg	gagaattctg	aaagttagga	gctacaacta	120
tttgaataaa	aactctagtt	acatatttga	accgttcaag	gtaggttggt	taaaagcagt	180
ttgttcacaa	acaggtatat	acacagtaga	gtaaatttgt	tatttttagca	aacgcttatt	240
tagctcatgc	tgatttaaatg	agggttcctt	tcatgatact	taatagttat	aagaacattt	300
tttacgattt	tatagttaaa	catttctttt	gcataccttg			340

<210> 969
 <211> 337
 <212> DNA
 <213> Homo sapiens

cgattctcct	gcctcagcct	cccaagtagc	tgggactatt	tttgtat	ttt	tgtatttttc	60
taattttgta	tttttagtag	agatgggggt	tcaccatgtt	ggccaggctg	ttctcaaact		120
cctgacctca	ggtgatccac	ccatctcgac	ctcccaaagt	gttgggctta	taggtgtgag		180
ccactgcacc	cgaccgcctc	catcatttta	tattaccttc	agcaacgtgt	gggggatgcc		240
ctgtttgcac	ttgcttatca	acactagata	cttgcttatt	ttattaacgc	tatatgagag		300
ggtcaggtgg	accggcattt	ttaccgcct	aagatcc				337

<210> 970
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G
 <400> 970

tgaccttttg	atcccatcat	gggactgttc	cccagcccta	ggccaactgga	atgggggggaa	60
atagaaccct	ccttttccttg	ttcccaactct	tgttttctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tcctgcttcc	ccttggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	tggtgggtgg	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtggt	ctgccagn			338

<210> 971
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 971						
gaataaatca	acatcagagt	tttataaatc	agagtgtctt	tgtactctac	aaattagtat	60
gcttaatata	caacttgaag	tccttcagag	aaaatattaa	acagaaatgc	cttctaccca	120
gagatatgaa	tgtgcctttg	caataataaa	gaagagacta	aaaattgtat	agcaatacct	180
agtatctgac	caatacatta	tttcacaaaa	ataataaagt	atcttgcac	atacatggaa	240
gacagtgact	tattcctgaa	tctactatat	ctacagactt	tcttgtacca	aatatttact	300
ataagtacat	acaactatgg	aaaatgctat	gctatgcctt			340

<210> 972
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 972						
atttaccgat	aggtgtggga	gggcaaccaa	cattttattc	tatacccttt	tatgcttttt	60
gttgtttgaa	ctatgtccag	gtgttatatc	tattaaaata	gtatgaattc	aatggcttac	120
tctaagggaag	accatgatca	ccagcatatg	agaggcagac	gaaacgctat	ccacagcaag	180
atgaacacct	acacagcagg	gagaacatgg	gaggattcaa	ggtggtaaga	aaattttaata	240
caagtctagg	cctgggtgtg	cggctcacgc	ctgtaatccc	agcactttgg	gaggctgggg	300
cgggtaggtg	acctgaggtc	aggagccaag	accagcctgg	c		341

<210> 973
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 973						
ttttcttgat	gtctcataac	ttctcctttc	tcttcccaca	ttccgaaaat	cctcctatcc	60
taaccttgct	acatgaatgg	taactgcttg	aacacttgtg	attggaatga	ctgatttaaa	120
aagcccagtt	ttgaggtagg	gcgcagtggt	tcacgcctat	aatcccagca	ctttgggagg	180
ccaaggcggg	cagaacacga	ggtcaggaga	tcgagaccaa	cctggctaac	atggtgaaac	240
cccgtctcta	ctaaaaatac	aaaaaattaa	cctggcgtgg	tggcgggcgc	ctgtagtccc	300
agctacttgg	gaggctgagg	tgggagaaatg	gcgtgaaccc	ag		342

<210> 974
 <211> 339
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(339)
 <223> n = A,T,C or G

<400> 974

actaagcaca	attagaaatg	tcttggttta	tatatcttct	cccatgcttt	ctgtctctac	60
aaccagaata	taagcttcag	aacaagagta	ttcaaactcg	gtgtgtttat	ccccagactc	120
acaacactgg	gtccagagca	ggctctcagt	agatgtttat	aaatatcagg	atgtattaca	180
tatattaact	ttttatgagt	agttattatt	tattatattc	cacttagata	tggaattatt	240
acttcaggtg	gtagctgact	tgtactggaa	aagtgactga	gcccactct	aatgctaattg	300
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<210> 975

<211> 341

<212> DNA

<213> Homo sapiens

<400> 975

cctatcacac	ccattcataa	agatcttgcg	taggtgattt	gggtttacca	tttttgtcta	60
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aattgaacat	atcagtcatt	tgtagttgga	gaaaaaattg	acttgctttc	tatatgttaa	180
gtctagacca	ttttgccctc	tttgtaaaat	gtgatttggt	tttgtatatg	tttagtaatt	240
ttatgagcta	tttataactt	actgggaatg	atcagagAAC	agggttcttt	tttttttttt	300
taaaagggtt	ttggcctggc	gcacaagtct	cacaccttaa	t		341

<210> 976

<211> 310

<212> DNA

<213> Homo sapiens

<400> 976

tgcacatcat	ttctaggaag	acagttgtct	atgtatgggtg	atttcactgc	tcaccattat	60
agaaatgaaa	ctaactgcag	aaggtagaca	gcctaaatgg	gagtagctct	gccaagtgtg	120
tgagctttta	aaaaaatgta	tacaattttt	ttggcttttc	taattcatac	taatgattct	180
aaattacaaa	gagaagccat	tctgcttcag	attttggaaa	tgagtctaata	gttaactaaa	240
aacctgtgac	ctgatgagga	ttttgataac	tcctctacca	tatttgttta	cctggctcta	300
tttcgaataa						310

<210> 977

<211> 342

<212> DNA

<213> Homo sapiens

<400> 977

tacaacaaag	caataatgcc	aggctagtct	catgccctgt	gaactaatta	cagaggttgc	60
caacctcaat	gaaccacagt	gaacaacttt	agatccacag	agagtctcaa	cttataaaat	120
tcattaaata	gaaatagatt	cagaactttt	cacttttcag	tttggcagta	cgtgttgata	180
cagattagga	aatgtttcat	tttatggccc	tatataaaa	taagtgtttt	tttcaacttt	240
attgaggtat	cggtcacata	ctatacaatt	cacccttta	aaatatataa	ttcagggccg	300
ggtgcagagg	ctcatgcttg	taatcccagg	actttgggag	gg		342

<210> 978

<211> 339

<212> DNA

<213> Homo sapiens

<400> 978

caaactctgg	atagtttaat	ctcttcaaag	aggaaacatg	tggttttctg	ctagggcata	60
gaaggagatc	aggggcttag	ctgtttcttt	taaagacttt	gaaccaattc	tcctactttc	120
agttttatgc	cttactattt	tcttaaagat	acctgatacc	tgcaattctt	gggcatttgc	180
atattgctgt	ttgatgcctc	ctgtccccc	acagcactta	gctttttgtg	tttatttttt	240
aggtcaattg	cctcttactg	atttgttttc	cagttcctaa	aacttgctgt	attatgggag	300

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agagttgaga taaatgcaaa tactcagaag tattttgtg 339

<210> 979
<211> 231
<212> DNA
<213> Homo sapiens

<400> 979
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tagaattttg aatacaatga gccaaatttc ttactatta gaggattttg ctgaatgggt 120
aaaatcaatg caaaatgagg aatcaaagtt ttgattagg tattacacat gaaaccagga 180
agagggagaa gtacctcctt taatgtgcat acagagaagg taacccatga g 231

<210> 980
<211> 341
<212> DNA
<213> Homo sapiens

<400> 980
agtatctaca taaatcattt ggaattcttc taaacagact tgtctgtcct ctgccattta 60
tttatgtgga attattatta ttattattat cattattatt cagaggtaga tatattcttg 120
aaggaattat ttttaaaaa atcacagcat cccaatactt tgtttcccaa agaaatagat 180
atgttcacat tatgagtaaa gactgttttt gaacttgctc taaaaaatat ctggtttcta 240
gattgcagag ctgagatttg tgaagaatga ggcagaatta aagttttggg gttgagtgc 300
ttttaaaaat tgggtattta ttttacttat ttatttttga g 341

<210> 981
<211> 337
<212> DNA
<213> Homo sapiens

<400> 981
tctgagaatt ttctataaca caaactcctt aacttcctgg tgggtaatgt tttctgggtg 60
ttttttctgt tttctgtttt ttttggtggc atttcttctt tagtaaaatg aaaattgcaa 120
gtagaaaaga aactaaaaat ggatttagtg tgaggacagg ttctttttcc tggcaggatt 180
gtagaacact ggtattcagt tgactgttta caatgaatat atcttctggt tggtcatggc 240
cagaagagaa aatgtcattg gtttgtgccc aagcaaattg attattaaaa tacgttgaat 300
atgaccccat ggttgcaaac atcccttttc ttagtaa 337

<210> 982
<211> 339
<212> DNA
<213> Homo sapiens

<400> 982
tttgctgaa attgcacgtc agcttcattt cctcaccccc tccccaatca ttcttaaaca 60
ccttcgaact gaaaatttta attctgatta gtttatctta acaaacaatt tagagaagga 120
ttggtgtcca aataaactgt atgatgtgga acttgcccca aatgaagagg aagttggcat 180
tccatagcta gacagtagca tttccagctg tgggggtgcc agagctgagc caagcaggcc 240
tgctcagcag agacttggga ttcaggcttt gtaagaactc gtgttggtgaa cccgttcctc 300
gtgttgacag cataaaccce agagggtttt aaagatcaa 339

<210> 983
<211> 339
<212> DNA
<213> Homo sapiens

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<400> 983
gtttccaccat gttggccagg ctgggtcttga actcctgacc tcaggtgatc cacctgcttg 60
ggcctcccaa agtgctggga ttacaggcgt aagccaccgc gccagccaa gtaaaattaa 120
atattcttgt attcttttta tatctctgga aaagtattaa atacattctt ccagaaaaac 180
cttcgctgaa gggcttggtt ggactagttt cccacagctt atccctaggc ctctgggtag 240
aattggtttt ctttaattggg gggatagatc aaacatcata cggagaccaa caaggttttt 300
tggttcttct taaaagccac tgggaatctt cagaacaag 339

<210> 984

<211> 342

<212> DNA

<213> Homo sapiens

<400> 984
ctgttttgtc ctcattaacc tgtaatgctt gactttcata tttctttact gccatatgat 60
atagcagaat agagttattg atttcaatgg tgcacaatat tttgattact aaaaaatacc 120
attttccctt gatgaattga ctgatgtttt aaaaatccat ccaacaagta actgttgaat 180
cctataatat acaatgcttt gttaaggcaa atgggtgaatg caaaatagtg aacactataa 240
tctctggaaa ccaaataaaa agacttcggg tctcagaagt atacagcaac tacatatttt 300
accaccaacc acatgcccaa ccaatggtat atacaaatta ac 342

<210> 985

<211> 340

<212> DNA

<213> Homo sapiens

<400> 985
gtctcacaat gtcaccatct acaatgcatg ccagctgtaa acaatcactt gcaattccac 60
aaacgtacca tgcttttctc atctcccatc ttaacaataa cagttctaac atataatact 120
ggttacagtg tgcttggtac tatgctaagc atattacgtg atgatctcat ataategtca 180
gagcaatcct gtttcctttt cctggaatga cctgccccac ctattaattc tctcactccc 240
gacacacatt tagccagcaa actcctattg agctaacagc catcatccat cccaccactt 300
attccaagca ccttttctct cctcccactg ccaccttct 340

<210> 986

<211> 337

<212> DNA

<213> Homo sapiens

<400> 986
ggaaaatgga cgacacacct atctctgaaa acaacatgga agaaacaggg tcttttgatt 60
ctttttctat taacagccca ctgaatatta caggatcaaa ttcattctat gaatgtacaa 120
ttgaaaattc actgctgaag caaacatgga cagggcgctg gacgatgaaa gatggccttc 180
ataaaatgca aagtgaacac gtttctactct catgtcaacc tgtaaattgat tattttttcac 240
caaaccaaga cttcaaagtt acttggtcca gaatgaaaag cgggactttc tctgtcccg 300
cttactatct gagctcctca caaaatacaa ttatcaa 337

<210> 987

<211> 311

<212> DNA

<213> Homo sapiens

<400> 987
gttcttatga accttgaagg ttgttgtaaa ccgtccaaat ttcagaaaaa tacogattat 60
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ttaagaacaa ttgagttttt ttgttgctcg ttcattttac atgtcgtatt ggtacatggt 180
acatgtacta gtggttttcc aaagtccatg atttttagtat cttatataag aaattaattg 240

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tcagccgggc gcagaggctc acgcctgtaa tcccagcact ttgagaggcc gagacaggcg      300
gatcacaagg g                                     311

<210> 988
<211> 341
<212> DNA
<213> Homo sapiens

<400> 988
aaggtagaga atgctattca gttagtcagt ttaacatacg agattgtcaa ctcaatagct      60
cagagggggc agaaatacag atttgctggc ttctggcttg ggtggtagtt gaagtgcatt      120
ggagagggtg agtttgccca atcaggccgc gtacagttag aagggaagaa ggctaaagat      180
gcaggcctaa ggaaaatcag cacttaagta ggaggaggaa cagccaataa gagatcaaag      240
gggaaagttt tattttatgt tggatttttc cccctttaag atgagctagg acagggtgtg      300
gggcacatgc ctgtaatccc agcacttttg gaggtgctgc t                                     341

<210> 989
<211> 370
<212> DNA
<213> Homo sapiens

<400> 989
actacgattc ctacataaca acaaacggag cggggtgggg acgcaccaca aatacactgc      60
gatgacctta cagctgaatt cgtgaagcct gggatgctac cgctatacct tacaccatga      120
taaacccgag aacacggctg acctgctaca cccgccttca tagcacactc taggtccaaa      180
acaggagtg ataggttcac actggctagc cccagagtgc cccccagggg caggcctggc      240
tgcccacaaa gaagaggtag atttgggggg ctgtgtggag ccagcatgag gcaaggcata      300
gccaggacca gaggcccagg gagggccacag ctgacttgct ggggtgctgca gggctgttgg      360
aggctccac                                     370

<210> 990
<211> 337
<212> DNA
<213> Homo sapiens

<400> 990
atgtcaagct cagttgaaca gaaaaaaggg cctacaagac agcgcaaagt tggcttttgt      60
aagtcaaata gagacaagga atgtggacag ttactaatat ctgaaaacca gaaggtggca      120
gcgcaccata agtgcattgt cttttcatct gctttggtat catcacactc tgataatgaa      180
agtcttggtg gattttctat tgaagatgtc caaaaggaaa taaaagagg cacgaagctg      240
atgtgttctt tgtgccattg tcttgaggca acaattgggt gtgatgtgaa aacatgtcac      300
aggacatacc actaccactg tgcattgcat gataaag                                     337

<210> 991
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(343)
<223> n = A,T,C or G

<400> 991
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aactgaacac aacaaaagta tggatatggg aaaccaacat ctttctatta gtaggcttca      120
ggaaatccaa aaggaagtaa aaagtgtaga acagcaagtt atcggcttca gtggtctgtc      180

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agatgacaag aattacaaga aactggagag gattctaaca aaacagcttt ttgaaataga      240
ctctgtagat actgaaggaa aaggagatat tcagcaagct aggaagcggg cagcacagga      300
gacagaacgt cttctcaaag agttggagca gaatgcaaac can                          343

<210> 992
<211> 332
<212> DNA
<213> Homo sapiens

<400> 992
aacattcat caatttggcc cagacaaaag tattcttget tgcttttagga tttactcaac      60
ttgttctaatt ttaaccttc tgttgcttta aaatatggta atggatttgt tggttgttga     120
aggaattgaa tgtgattgtg gtgttacatc ttttcttata ttaaaatctt taattctaaa     180
atcagtatgt cacatacatt accacattaa cacatcaaga ctggaaactg atgattggaa     240
cagagacaaa tgtgttggtg agttgtggtg agctgtcaag ggacttatgg actatagctg     300
tcctatagtc tataacgagc cagctgaaga tg                          332

<210> 993
<211> 332
<212> DNA
<213> Homo sapiens

<400> 993
taaatgggat acacgtcttc ttaagtaatt caaagtctag taggggaagc agaaaggtaa      60
caaacaatta agatacaaaa gtaaaacaaa agccctctgt agagtgtctc aacatctttt     120
attccttatc atctcccaa attccaattt gctgccccta tatgcccttt aaaaaaaccc     180
aggccgggca caacggctca cacctgtaat cccagcactt tgggaggctg aggcaggagg     240
atcacttgag gccaaagatt ggagaccagc ctggctaaca cggtgaaact tcgtctctac     300
taaaaataca aaaattagct gggcgtggtg gt                          332

<210> 994
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (327)
<223> n = A,T,C or G

<400> 994
gtagacagtc caaagcagca tcagacacat catgagtgtc caaactgtac atctgcttcc      60
ctggtgattt ttctttcaat ggccaaagga tagaggcagc ggcaattcca ggtgtgctgt     120
gagccaactg tgtgagcctg ggcgcctact taacctccct gagtctctt ctataagtga     180
gcattctaatt agtacctagt tcacaagttg tcctgaagct taaacaaaat agcaaaatga     240
tgctttttta aatgacaata caatcaagag gacagaacag gtaaagactt tgtttattca     300
caaattgctg gtattgattg aattggn                          327

<210> 995
<211> 335
<212> DNA
<213> Homo sapiens

<400> 995
tgctgatgcg gtggtactac agaaagagac gcctgactta catattccac tcgtaactgc      60
atctgtaaga actcaaata cctttgacat taatttacga ccaactgcat gccctacata     120
attgagacac ttgggatcgg gtggaaaaag acaccaaatt gtctcatatt atgaatgaac     180

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actgaagggg gagtttggg aaaaccgaat ataagcaact cattcaagga gacaaattca 240
gatgatagtt tcgagaatat aaatggagag atgtgattca caataatatt ggggatgcta 300
tcttagatgg cccgcttaag aaaaacctct caaaa 335

<210> 996
<211> 332
<212> DNA
<213> Homo sapiens

<400> 996
ctatcttaga acaagttaaa tagtatatgt acttgtaata acttggtgact agatatgtta 60
gttttgtcta ttaatttttc tgttaaaaag aatatgcatt gaaatgagat ggaaaacaaa 120
atgaaaagtg tttaaaaaat taaatatttt agaaggatca atatcctaag ggttgtgggt 180
aattttttcc tactttctaa aacttcagat tcctttcact cacttaaggt tgtactacca 240
ttaatgcaat gttttctggg agtgcgagat ttgctaata gaattaataca gctagaagcc 300
tcactatttg cacttttata acattctttg ct 332

<210> 997
<211> 334
<212> DNA
<213> Homo sapiens

<400> 997
gggactcttg ctaaaggcaa gccagggact tagacttata aagcatcacc ttatcaaagg 60
tggaggatga tcaacttgat atcaagggtg accagatttc agggaagagg gattctcact 120
aaactgactc ccagaggtct cttttagcaa ggcactcatg ccaggcgagc tggctcatgc 180
ctgtaatccc aacactttgg gaggctaagg cagggtggatc gtctgaggtc tggagttcga 240
gaccggcctg gacaacatag tgaaaccag tctctactaa aaaaaaaaaa aaattggccg 300
tcacaatggc tcaggcctat aatcccagca cttt 334

<210> 998
<211> 327
<212> DNA
<213> Homo sapiens

<400> 998
atactacttt ttgtgcgtgt gtgtatgtga gacagagtct cagtctgtct cccaggctgg 60
agtatagtgg cacgatctcg gctcactgca acctctgcct tctgggttca agcaattctc 120
ctgcctcagc ctcccgtgta gctgggactg cagggtgtgtg cctccatgcc cagctaaatt 180
ttttttgaag atttagagaa caccctgttt caccttgggtg aggaggctga gttttaacta 240
ttacacccca ttgcactga gtgggtttcc ctcccttaat cccgcggttt ggtgctatct 300
tttatcagag attttttatt acacacc 327

<210> 999
<211> 331
<212> DNA
<213> Homo sapiens

<400> 999
cttctcttat atttcaactg agactatact gtaagaaaca aaaatgatct gaaccatatt 60
tgccatgtaa cattaacaat gtgagaaaat tattttttta aactgttgct aattaagaca 120
taacttatat ttttctcatt ggaatttccc aacatggctg tcttggttag gacagccaaa 180
ccaagccaaa gagcagctcc ctatgtctgg gcatgcagtc atctgacttc aatagactct 240
tcacctcgac atgtcatgta ctctaagaat gtaaaagttt ttagtgctcc agcaatgcta 300
aggccaaatc cagcacaact agcatcacag t 331

<210> 1000

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<211> 334
<212> DNA
<213> Homo sapiens

<400> 1000
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ctgttggtgct cgctgtgggtg ggtggtaggc accctagggtc ctttaagggac atacgctcca    120
gcccttaacc tttcctcagc ctctgagttc ttccggccct gtctgtctc tgtggcacc    180
gtcctgctaa taatgccttc tccattctgc ccagaacaag acaccatgcc gggcgcggtg    240
gctcacacct gtaatcccag cactttgggg ggccaaggca ggctggatca cctgagggtca    300
agagttctag accagcctgg ccaacgtggt gaaa                                334

<210> 1001
<211> 329
<212> DNA
<213> Homo sapiens

<400> 1001
acgcacacac acacacgcaa acactctctc tctaacaat gtctctgctc tatacagctg    60
gactgactcc gctctacata gctggactga ctctgctcta catagctgga ctgacattat    120
ctgctaatac acattcacct tttctgtttt tatactcatc agctcttcac acctatagaa    180
atgcagtgat gatgataaaa atgaccatta aaatatcaca gacaatatta caaattatat    240
cacaaagtta ttttcttaat aaataaagac aaattaataa gaccaatggc tcattagaaa    300
aatgaacaca ggaaatgaac aagcaattg                                329

<210> 1002
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 1002
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gagtaagatg ccaagtaaca gaaaaatgaa actctcatgc tagcaagtgt gtatgtgtgt    120
tggcggtgtg gtgtgtgtgt gtgtgagtgt gnnncantan aacctgtagt gaactttttt    180
attaacagga attgccgctc atggtatggt ctctccttca ccgtgaggag tttcacgata    240
ttccattctc tgcgatccgg tggaattcta ctaaaaaat gggtcttctc ccctggggggg    300
gaattttttc tgtgaaacaa tctcccccg                                329

<210> 1003
<211> 335
<212> DNA
<213> Homo sapiens

<400> 1003
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tacttgattg ttgtatgcta ggattgaggg aatatgcatg caaatactag acaaagcact    120
tgaggagggc cttctccac agtactggtg gctgtgtaat agatgttctc aattaccaag    180
tgcttaaaact gagccctatg tacttaggca gcctgttttag agttcttacc cacttgccaa    240
tgacacttga ctgctgaatc caaatatgaa aaaaactata gatagattca aggaccaaaa    300
ttatggatat gccactgaaa atgtatggta gagta                                335

<210> 1004

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<211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1004
 aacttttaaac aaacaaaaac ccactaatgt accaatttgt gattctgggc aaagtttttg 60
 aaaagtaagt tatgaaacac cttttacctc attgtattcc ttttaataat caagcaaata 120
 agtaaagtga taatgaaaaa ataatgatat gtacttaatt ttatcctttt gtatcctttt 180
 tttttttttt aaaaaaaggg tctaattttg ccccccggtt gggggggcag ggccttgggg 240
 ttaacaaaac cttgaacttc taaaaaaagg gaaccttcca ttttaaccct ctgaagaggg 300
 gggactttta aacccccccc ccccc 326

<210> 1005
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

<400> 1005
 gcagtggcat gatcttggtt cactgcaacc tccacctccc tagttcaagt gctcctcagc 60
 ctccagagta gctgggacta caagcaaagt ccaccatgcc cagctaattt ttgtattttt 120
 tatagagaca ggggttttgc atgctaccca ggctgggtctc agattcctgg gctcaagtga 180
 actgtccacc tcagcctccc aaagtagact attcctatat tttcctttca ttggggagta 240
 aaacaaaaat tgtttcatat gaatacattt tcacaggagg aagaaacaaa tttcattctt 300
 aactgaaact tacaatggcc agaaattaag ccan 334

<210> 1006
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1006
 ttgatctgca gtgggacctg gaattttata cattgagcat agtgccaggc aatgcttatg 60
 atcagatgat actaattaac ccctggcatc atatgatctt cactgtgatt ggagtttagaa 120
 gatttagctt catatcctgc cttctcctat caacacacac acatacacat atacacacac 180
 acgtgcacag gcatgccaaa ttggctgtta cttatctcac ttgtattatt tatactcttt 240
 tactcataaa aagacttttg gctgggtgtg gtggctcatg cctgtaatcc cagcactttg 300
 ggaggctgaa gcgggtggat catgaagtc 329

<210> 1007
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1007
 tcttcagcag tttatataca acaaatgccc cccggttacc tcttttcttg gagagcctct 60
 tgtttcaatt gaaagttctc atttacagca atctcatgag caagagtcaa gtttgataag 120
 ttccttgctg tagccatcac ttcacaaaat gttacaaccc ttggagggct tggtgctgaa 180

agaaaaacaa	aagccagtta	atgttgacaga	agaaaagttg	tcaccaacg	aagcctcctg	240
atgcagataa	ggtttaattt	atcagaatgt	atatacttca	gagntttata	ggtcaggaga	300

<210> 1008

<211> 331

<212> DNA

<213> Homo sapiens

<400> 1008

agtaattaca	ttagcagggt	tagttgtcat	gaatgagttt	gggaacaatc	actgatgact	60
cttggtaagc	ccctctgtgg	gaaagaagta	tctccctggg	tatccaactt	gcagggagtg	120
ttcaggatct	catgttctgt	agaggtcata	aagagggcca	gctaactctg	gctgtcatgt	180
agacacagct	cagtggagag	ttttctggca	aaaggaggag	caaaggccct	ggggcagaga	240
aaatcttgga	gagtacggaa	aggccatgag	actgaagtgt	aataaatgag	gcatgaggag	300
tgtgtgcgaa	gacaggacgc	aaagagagat	g			331

<210> 1009

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1009

gttttttctt	attttaggt	ttaagtgtct	gttttccagg	cacctcttcc	cctaaccctg	60
tacaagaatc	atgtctcgtg	tgatcttata	tccccagtag	tgagtgttcg	tatggctggg	120
acttaataaa	gtttaaatga	actcatgaat	aaatgtgttg	cacaaccaat	gagtgagtga	180
gtgaacaagt	gagtcaataa	gcaagaattt	agggacatgg	gaaccaccac	ttataagctt	240
gaggctgttg	tgcaaatgtg	gaccttcata	taagccattt	ccttctatat	agaatgctct	300
ttcttttctg	tacccttaac	ctcttaccag				330

<210> 1010

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1010

ggtagaggcc	agtgataggc	taaatatcct	acaaggcaca	ggctgctttc	cacctcctaa	60
tctctctctc	tctctctctc	tctctctcac	acacacacac	acacacacac	acacacacac	120
acacacgcac	gcacatccca	aagaaacaaa	gagagatccc	atcccaaatg	acaaaagggtg	180
tgagaataaa	aatcctactg	caacctgtga	tgacaaactg	ctaaggggtt	tgtgcaatta	240
aaatataccc	taagtgtcac	agagtatact	caatcaaagt	ggaatatttt	atttatatca	300
cccgcgctgt	agagaatatt	cgcacagaac	tttat			335

<210> 1011

<211> 249

<212> DNA

<213> Homo sapiens

<400> 1011

cttatcaact	tagtcaatgg	caataatcat	aaagtaaaca	ttaaggaaaa	tattttaatt	60
acaatactac	caatattata	tacaccaa	ttccttagca	acagtgggta	cagaagtaaa	120
caatcacgag	caaaagcaaa	atttacggct	attgaaatca	ttaacaaggg	ccgagcacgg	180
tagctcatgc	ctgtaatccc	agcactttgg	gaggctgagg	caggcagatc	acgaggtcaa	240
gagatcaag						249

<210> 1012

<211> 281

<212> DNA

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<213> Homo sapiens

<400> 1012
ggcggagtgca cccacagtgg ggcagccctt gcacaggctt tgctggagtc tccactgcac      60
tggcctaggt ccaagcagtc atagcactgc cccagctgc ccttctaagc cctgtagcct      120
agtggattag aacctggcct ccctctggag aaaggcccag gacccgattc agcggcatca      180
ttccctagtg cttegaccct gacctctctg agatggggtc tatgcctcgg ggatgagtgc      240
tccctgcact ggggggctgt gaccaccagc ctgtggccca g                        281

<210> 1013
<211> 330
<212> DNA
<213> Homo sapiens

<400> 1013
cttctataat gcttctttta tatttcctta cagttaatgt ccattttctt tctccctctc      60
tacatgcaca cacaaacaca cccactcaca cccacaccca tgcataaata cacacacaca      120
cacgcacaca cacacacaca ccatccagcc tgtagatatt tatgcttcat tttcagttaa      180
catgcagaag cacttttgac agacattttc ctttaaatat aaattccaaa gaactctgta      240
gaaagcagtg aatggtaact gaaaagctga gtgaaatgtt ttatattgct aaaacttttg      300
acattgatta cataatgtca gagaatcctt                        330

<210> 1014
<211> 327
<212> DNA
<213> Homo sapiens

<400> 1014
gtgtgtgtgc gtgtgtgtca catgtgcgtg cacacacata tactatgttt gttgtatttt      60
tttctgggta actgagacta aacttgaaat ttaaagctgg ccttccatga aaattattta      120
atgatgcaat gcaaagacaa attgctttct acatcaattt tctatgcaag tacctataaa      180
tggttagataa cttaaattat ccagagtttc ttcaggaaat atcagccttt tattcaagta      240
tatgatatttc tataaagtat tgctattata atcttttaat gctaggtgaa tccacatcaa      300
gcattcaata tttgttggat gatacaa                        327

<210> 1015
<211> 293
<212> DNA
<213> Homo sapiens

<400> 1015
cgacagaagg gtatctttat taacaattga cttgaattta aaaaaaattt tagtattttt      60
atttttaatt ttaatgaagg aaaaagtaaa catgtaaatg cttgctttat ttttcaattt      120
tataaaagca gttaattaca gagaagtgcg gacatttcta cttttcatag gaaacttgga      180
gagaagtcaa aggtgtaaaa aggacaaatt ttagaaaatg agattcatga ggaaagactg      240
attaagttca ctttagttaa tgaaatgtgg aattatgaaa aattaaatat tac                293

<210> 1016
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1016
gttcctaaag tactagaggg agacacaagc caagaacctg gcacatatct cacatcccc      60
agagatttaa ttcacagttt aaggctacac tcctatggac cccaccctcc tatgcatcaa      120
gggctggaat cactcactga aaaaaagctt tggtggctgg acacgggtgg ccatgcctgt      180
aatcccagca ctttaggatg ccaaggcggg ttgaggccag gagttcaaga acagcctagc      240

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caacgtgggtg	aaaccccatc	tctattaaaa	atacaaaaat	tagccacaca	tggtggcatg	300
catctgtggt	cctaactact	tcggaggc				328

<210> 1017

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1017

tacggcgcga	gaagaccaca	gaagggtggg	catatttact	catcatattc	aaagtcctgg	60
ggattcaggt	ggaaaattaa	ggccattttt	aaaattctgc	ttaccacatc	tctggatgtg	120
tatttttcac	tgcgcggttg	agtcaaaaag	cttaaagagc	atctagccac	tggactagaa	180
aactttaagg	acacttccag	tcctaaaatt	ctaaaaatct	aacatgtaaa	gctatttttt	240
taattggaaa	ggaaaaacaa	ttatgcaaat	ttcaaagtta	gttaaataca	aaagggtgct	300
gaagatcttc	ttttcctagg	ttaaaataaa	aaggacatgt	tttaacaaaa	gtgtcattt	359

<210> 1018

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1018

ggatgggttt	tttttaaagg	gtttctcaat	ccatttgtca	tctaaagatg	caacaagaga	60
agatatattt	cttcaatgaa	aagttatctt	catcttttaa	tcttttaacg	ctaacattaa	120
cacacaagac	cctcattaaa	tgctcatctc	cacatgcaag	gtacttgaaa	aatcattttg	180
agaattagcc	atatcagagt	tgactgagag	atataaaaaa	caagaaatac	aaaagacaca	240
acatgaaaaa	caaaacagaa	cacatcaaca	tatttgtaca	agacatgcct	caaatagaaag	300
gtagcaaaac	aattctacaa	agacacaaa				329

<210> 1019

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1019

ggaccttttt	atcccatcat	gggactgttc	cccagcccta	ggccactgga	atgggggggaa	60
agagaaccct	ccttttccttg	ttcccactct	tgttttcttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttcct	gcctctggca	cctcccagct	cctgacttcc	tctgtcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccttggcct	ttgaagccag	tggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtg				328

<210> 1020

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1020

tgtctcaaaa	aaaaaaattt	gtacatacag	ggggttactg	tcacataggg	ctgggattta	60
ggcatgagtc	acctgcctga	ccagcaagtt	cttaaattct	gcagcaagtt	cttaaaacaa	120
tggctgtagc	ataaataacc	cttcataaaa	acgctaatac	cgatgctggg	acggtggctc	180
acgcctgtaa	tcccagcact	ttgggaggcc	gagggtggca	gatcatgaga	tcaggagatc	240
gagaccatcc	tggttaaacac	ggtgaacccc	cgactctact	aaaaatacaa	aaaaattagc	300
cgggcatggg	ggggggcgcc	tggtatcccc				330

<210> 1021

<211> 336

<212> DNA

<213> Homo sapiens

<400> 1021

aggcttggtga	gagccactct	gagctaggac	ctcagctgag	agaggctgga	gcaacacccat	60
ggcaattttc	ggattcactg	cctaaactga	tgtcagtggtg	cagatgagcc	tttcacccaa	120
taagctaacg	tgcgagggtc	cttccaaacc	ccttggcaga	tggtttttta	ttataggctc	180
aaagaaaaat	ggggctataa	ccaagttcct	tgggggacag	gactgtttcc	atgcttgagc	240
ttggaagcaa	gattgatggg	acaaaacacg	tacgttggtg	ttggtccaca	ccatcaaaac	300
aaacctecta	ggtcttgagc	tccattgagg	tttcac			336

<210> 1022

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(332)

<223> n = A,T,C or G

<400> 1022

aacaaaggct	tatggatttt	ggtgccctct	gcgatttttg	cagcttttct	gctgatttgg	60
agcgtaaaat	gttcgagagc	ccagctagaa	gccaggagga	gcagacaccc	tgctgatgga	120
gccccacaag	aaagatgttg	tgtccctcct	ggtgagcgct	gtcccagtg	acccgataat	180
ggcgaagaaa	atgtgcctct	ttcaggaaaa	gtataggaaa	tgagagaaga	ctgtgacaac	240
tcatgacctg	catccttaat	atccagtgac	ttcatctccc	ctttcttccc	acaattccag	300
gcaatggcct	gtcggaccag	acaattctac	cn			332

<210> 1023

<211> 329

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(329)

<223> n = A,T,C or G

<400> 1023

gttagccagg	tgggcatgtg	cataggggtg	gaaccacag	acaccccagc	ccaggagcca	60
ttcctgatgt	gggagatagt	gtgtggtatc	tccagtgagc	cccctgaggc	tcactcatcc	120
aaagggcctc	agtctcgaac	gacaggcacg	gtcaagacaa	ggcaatggca	cctgtcctaa	180
aattccttac	acacctctag	gaaatatatc	cacagataat	agcttcgcct	tgtagtgcac	240
gaggtccttg	aatgattcct	caccctcttt	tgggtccagnt	atctttctcc	ttctatgtag	300
catttcaaac	actccactca	cagtagtag				329

<210> 1024

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1024

taatgtgtgt	gccagaatth	catgacctca	aggatctgaa	ttttcaagtc	actgcaaaaa	60
ggacgtgttt	ttgggaatth	tactaattcc	cttaggcaga	tactttgggg	tgagggggag	120
gatgttcac	ctgtctacca	tctcccttct	ctgaaaactg	tacagctgcc	ctgtaactgg	180
gtgggcctta	gcaccagcca	caactatact	caatactttc	acttattcca	aactactata	240

aacatccacc	tcccttagaa	agaagtacta	aaaataaagg	caatcctact	cttctgttat	300
taataaaata	aaaattaaac	actttggg				328

<210> 1025
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1025						
cgggggttcta	gcagtattcg	catgtcatgg	aggggaagg	actaccccca	gaaataatac	60
aactgcttac	ccactccatg	aagtgaaga	tttgaaagac	atttctctgt	tccaaaggcc	120
tgtgggcaga	attaatagta	attgccagaa	aagccaggtt	caaaacagac	gctacacttg	180
catttattga	atgagcttat	tggatatctt	ggttgcaagc	aggaagcaac	ctgctgacct	240
gagctccctg	tggccctggg	cctctccact	ctgaaaacat	ccaggcagat	cttacaactc	300
ctccagtcac	acccagatac	caactctagg	ccagacg			337

<210> 1026
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1026						
Gaaaggtctt	tggacgtaaa	cagtagaaaa	ctacttgcac	atttgaagaa	aaagggactt	60
tattggaagg	ctgttgggga	actggcaaaa	ataaggtcct	cctgaagaac	aaggcttgca	120
gcagacagga	gtcaggcagt	ttcagaggac	cttgacaagt	gcagcgtata	ggtaggtgc	180
aggagtcaac	ctgggttcac	gtctttgact	ctactacatg	gggcaggcta	tttaacagct	240
ttctgcctca	gtttttctgat	ctgtaaaatg	gtgatgatat	tactcatctc	agtattactg	300
tgaagtttaa	atgagctggg	atataaaaa	n			331

<210> 1027
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1027						
ctgggtgaca	aagtcgcaag	gttgtgtctc	ttacctgcc	acaggtgcac	gtcgtcagcc	60
ccaccgcctc	actgcagccc	ccaagggttac	cgccagccgc	cgaggggtgg	gaacggcagg	120
gtgatgatat	caacagccaa	gaacccccctg	ggcttgtcca	ctgctcaggc	cgtcccagcc	180
cccggggaag	caggtccacc	actaggccca	ttcgacagat	agcagcacia	tcaccgtcac	240
cacgactgga	gaatgacatg	tcccagcacc	tagtgccagg	ccctcttcca	agggttgca	300
tttgcttatc	catttaacct	ccagcag				327

<210> 1028
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 1028						
ttctgagggc	cactactgtt	cagtgttgag	ccctcactgc	cttcaagcac	tggcatctgc	60
ccctctttgg	ctctgtttgg	tctctttggc	ttcaccctga	gcctcattct	tggcoatggc	120
caagctttcc	tgggtctggc	cccatccagc	acccagtggc	ccctgcccaa	tatcgctga	180
tgctcaagca	taaccagtc	acctttgggt	gaatgacctt	ctgagggtta	gtacaacgct	240


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agtttgaatt atttttcctt tcccctaatt tctttgagca gactaagtta gaaaaatatac 300
catatg 306

<210> 1029
<211> 331
<212> DNA
<213> Homo sapiens

<400> 1029
gatataaaca acattacttt ctcaaaaact ctaattcaat atataaatag tataccttca 60
cattcatgaa tcctactgtg ttcaaagatt actagttttc tagttattcc tttattcata 120
tttatgtaga atatttcaga ataagcaata cttaatttta aagaatatgt ttcacaaggt 180
attttttgat ggttttaaact ttgtttatca acagaagata cctgctcaga agaaattgtg 240
ggttttcaac ctcagcgcta ctgaaatgcy tgttggattg cttttgttgg aaaaggctgt 300
cctttggatc acaggatggt tatcaaaatc g 331

<210> 1030
<211> 332
<212> DNA
<213> Homo sapiens

<400> 1030
gggttcaggc cgggtccct ggctgagctg accccacagg tttcagcggg tgggccacc 60
tgacggaggc cgaccccgac gaggagggtg agggcgagat ccacctgcgg ctggaagtgt 120
ggccaggggc cggggcctgc cggctacgct gctctgtgct ggaggccagg tgagactcag 180
gggcctgggg gcgggcagtg ggtcccctgc aactagagaa acccaatgag gaagctgagc 240
ccccctcgc cccacctcta cctcctggtc ccagagctgg ccacctccca tcaaagcctg 300
ctctcaagag agggctcgc caggcacggc gt 332

<210> 1031
<211> 350
<212> DNA
<213> Homo sapiens

<400> 1031
tacggctgcc ataatacgac agaacggacc taagccttac aagaagagat gctgtcttgg 60
tcttgctgga ggaccttgct ttacttagat gtcttattat taacgttacc tattattgat 120
ggaaatacac taatttgtat gggcctagat ggtaacatgg catttctaatt attggcttcc 180
tttcttgctg gcttgattag cttggggacc gaatcactac cgtctagctt actaacttag 240
ccaatcttgg cagaacatgt tcaccttaca cactgcacct atacgctctt gaaggcgtcg 300
caatgaacac cctcctaaat tctccatag aactataccc taacaagtct 350

<210> 1032
<211> 321
<212> DNA
<213> Homo sapiens

<400> 1032
tgtgcctgta atcccagcta ctcaggaggc tgagacagaa ataaattgta tcagaacagt 60
gtaaacatgt agacagatac tgacaggaat aagggtttgt gataactttt tggttacctg 120
aagcatttat gaatacaggt aagtctgtgg ctatgttata gaatattgag gtctccattg 180
gtttgacttc caaattagcg ctttattaaa ctcggtgtca gtgtttgtac acctaacttg 240
gctgtatctt ttctactatg aaacatatct taactgtgaa atgaatatct taaagaatca 300
ccttggggcc aggcattggtg g 321

<210> 1033
<211> 326

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<212> DNA
<213> Homo sapiens

<400> 1033
aaggggtaag gtagtggtat atgcaaacgc attaagacgg gaaataacac aaaagaaaaa    60
aatgagtcac tctaggtgga atgtacctta caaagaattg ggtaagatat aaacacggtt    120
tatctcattg gacaatgaca catcatgggc aatgttaata atctgaggct ttaataaaaa    180
tagaggataa ttggagagtt ttagacagaa gagtaaaata atcactatgt ttttttataa    240
gtacctaatt gtcacgtaaa gtatattctt ggccggggcgc ggtggctcac gcctgtaatc    300
tcggcacttt gggagaccga ggcagg                                326

<210> 1034
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1034
tgagactttc ctagccatgc aggactgtga gtccattaaa cctctttact tataaattag    60
ccagtctcgg gtctctcttc atagcagtgt gagaacagac taatgcaggg gggctattat    120
gttgccaatc acaggtatat aataaaaagt taagaattat aatttctaag tggtaggatt    180
tcccttaatc cttttatcta tattttcaga agttttccca ggaatacaca tactgctttt    240
gaaatgagaa gaatgaaatc tcatttatag tctatattga cgtctttgca atgttcatta    300
atccaccttt caggacagcc ctgg                                324

<210> 1035
<211> 190
<212> DNA
<213> Homo sapiens

<400> 1035
gagggaaaca gggcttgaaa gaaagaagga tgggggaaaa gaaaagagcc cagcatcaaa    60
gagaagctgg ttttgctggg agtggccaag tctacctgac acaggcacia tctctgatct    120
catccacatg gccaggagct ggaagtacta aaattagaat ccaaagtgtt ctaggctggg    180
cacggtggct                                190

<210> 1036
<211> 326
<212> DNA
<213> Homo sapiens

<400> 1036
attgttatcc gaaatagaga aataactcct gttaatcaag aaaaagacag aaacttcaat    60
gggaaaaaaa ggaccaatga aagagacaaa ctaccataga tcagatttct tcccatagct    120
aaacagtata caaagaaact tcatatttat aattatacaa atgcaaatca aggcagtggg    180
tcattactct tatcagaaag actctaattt aaaaggataa acacaacaat tattagaaaa    240
tgtgcatagt gttaactttc actcacttgt agtgaaaagt agtctggaaa tatttttatac    300
atcatagaga aattccgaga atcata                                326

<210> 1037
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

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<400> 1037
gagctagaaa tctaggcaat gtggatttca gatgagtttc ataacactat ctgacacagc      60
gggaagttca aggaagtatc tggcaatatt atttttctta tggagccttt ccataagaaa      120
gaaatttcagt tataacaagg tcacatttgg gtaggtgaca taatggtgaa atgacatttt      180
ctgccaataa caaaacctat atattgtacc tgagtggccn cnnncnnnaa naattttttt      240
tggaaaaaaa atccccctt gtggcccaag ttttaacccc aaatttccta ttccgcccaa      300
ctaagcttct taaattccag gaaaaa                                326

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<210> 1038
<211> 191
<212> DNA
<213> Homo sapiens

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<400> 1038
aatgatactg tgataaaagg catccaccag catgaacttc atatgtgact ttgctgttag      60
atctcaggaa gatgtaaaaa ggcagtttaa gatcttttat cccaacttcc tggataataa      120
aaagatagta agtttaggac tttataaaaag aaataaaatc aagaaagaaa tggggcatga      180
aaaagaataa a                                              191

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<210> 1039
<211> 325
<212> DNA
<213> Homo sapiens

```

```

<400> 1039
gagttttcat ttgtggtgag attctctccc aggccacaag acattttctg ctcggaacct      60
tgtttactaa ttgtaagtac tttacaagta agaacttggt ttaaaaactt agcattcaaa      120
aaaaaagctt tctttaaaag ttatttgatt ttcttgcttt ttttcttagc atgctatatt      180
tcgagtttca gctaaatgac aaaggacggc ttattttatt gctttctttg gatgcattca      240
gtcgaaatca ttaaattctt gcttaatat catccagacc ccaggctggt ttttgaaagg      300
gggggggggg gccaaagttt ttttg                                325

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<210> 1040
<211> 319
<212> DNA
<213> Homo sapiens

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<400> 1040
acctatcctc attgtggtcc ccaaagctct tcctggggcc tttctttctc tttgacaaaag      60
caaagctaag ggagctggga aaggtgccaa gagtgagaag tgagagaagt gatccagaag      120
tgagagctcc cagcctcgct gttgactggc ctgggacctt cagccctgcc tcttacattc      180
tcttgccctt cccaaattat taataacaca tgagtctgaa atacagtgag ctccacagag      240
gaaagacctg tattctctgg actattcaga atgttctagg gacagtgtga taggaggctg      300
agtccacact ctggagctg                                319

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<210> 1041
<211> 299
<212> DNA
<213> Homo sapiens

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<400> 1041
gcatgaagaa agattggatg caagacaggt ctctgttgct gagatggcaa ggatccagtg      60
tgaagacctg atagtagccc taacagctga aaacagtcct tgattaacag ctagcaagac      120
aatggagacc tcaatcatat agcaacaagg aaatatcttc agccaacaac cagaagggtg      180
tcaaagcaaa tctctccctc cttaaagctc caggtaagaa tgcagcctgc caacattttg      240
ataccaactt tatgagatcc taagcacgga gtctagccat gttgtgccag tcttctgac      299

```

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<210> 1042
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1042
taagcaaatt aacatattca gattcccagg atatattttc tacataaaaa tgaaggatgt      60
atgctattgt atcctaatacg ggctaagtat ctcatgtaca gtcattttga ttttacgtat      120
atgtttggat ataggatgtc tctggaatga tatgaacaac tgacaacaat ggtagcatct      180
ggcaaaggaa actacatagt acaacaatgg gagtaagatt tccttttcaa caccatacat      240
gtttgttctt actgaacgct attcgatgtg aaaggcagta tattataacg gtcaataaaa      300
tcaagctctc caggttcaca                                     320

<210> 1043
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1043
gacaatttta tcccttagaa cccagaacag ctggggagcag ataaaatctt cttgggttat      60
gagttccag atgatgctgc tggcctgcgg actgtacttt gtgaacttat gctggagcag      120
atggatcaga aaccccggcc agaggatgct caggacccat caagcccccg cgaggaagga      180
ctcagacccc caaccccacc aaattaaagc aggcaatgga gaattatact gaagggattc      240
ttcggctggg caaaaacatg attagatctg cattctaaag actgctcgca gagtaaagga      300
tggattggag cagggagtt                                     319

<210> 1044
<211> 353
<212> DNA
<213> Homo sapiens

<400> 1044
tacgtttgtg agaagacaac agaagggggag tctcttgccc gtccacccca agtctgactt      60
ctctcaggag ggactcatga acacgtgccc tgagcacccc caaaatgaca tcacacaagg      120
gcagaaagga gctgaagggg gaacgtgaaa ggcagaaaagg gagccgtggg tgccaggcaa      180
ccagccctag cccacctttg tttgtttggg gacagcaact aaggctctgg cagggccggg      240
tggccacgct catgcctttt tctctcaaca gttgcttctt tgaagtaggg agcaggctat      300
ggtcacctgg cgggcctctt cagctaagac cttcacaaag tggggagcct tga                                     353

<210> 1045
<211> 326
<212> DNA
<213> Homo sapiens

<400> 1045
cgtggcaatc tctggtttta aactggcacc tgggtctagtc aggtttgttt ttagattgat      60
tactctggta gctgaatgaa ctatgatttt ggggaggata agactggaaa gagggacact      120
aattttctgg aaccttctaa aggataacca ggataattga ggtggagata caaaataggt      180
gacaaattcg agaagtatat atgaagtaaa ataggtagga tttggtgact gatagtggat      240
gtgaggcatg aagagagggg tgaggctggc aaatactaag ttgttatgat ggatgaatga      300
gaggattccc atactgtttg agatag                                     326

<210> 1046
<211> 272
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1046
 ggccgagaga agcagtagtc aataaagaga gtgccgtatt tcgcagattg gagctgagct 60
 gtggctgccca gaagatagcg aacgaatgga aactgaaagt ggaaatcagg aaaaggtaat 120
 ggaagaagaa agcactgaaa agaaaaaaga agttgaaaaa aagaaacggc cacgagttaa 180
 acaggtgctt gcagatattg ctaagcaagt ggacttctgg tttggggatg caaatcttca 240
 caaggataga tttcttcgag aacagataga an 272

<210> 1047
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1047
 gtatgggggag ttttcttatg tggccctcgg actttggcaa agagcctgcg caaatgctgt 60
 caccgatatt ccagtctgga tcctagaaag gttcaattct acttcaacaa agaaaatttt 120
 tgagttatag gaataaggac ggtaatctgc attttgccctc tttgtatctt cagtaattta 180
 cttgggtctcg tcaggtttga gcagtcactt taggataaga atgtgcctct caagccttga 240
 ctccctggta ttcttttttt gattgcattc aacttcgtta cttgagcttc agcaacttaa 300
 gaacttctga agttcttaaa ggt 323

<210> 1048
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 1048
 gagcccccta ttacacctga cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc 60
 atcgcaatgg ttgcatttgc agtggccttt tcagttgccca gcgtctattc cctcaaatac 120
 gattattcac ttgatggctg tcacgagtc aatagccttg tactgggtaa catattctgt 180
 gtagtattca taggatccgc tgggagtagt gtcctcttca gatcagccgt tcaggagagt 240
 acaggagtgt taacactagt tgctgtgcct tatttgggtgc atcacagtgc ttgt 294

<210> 1049
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1049
 ggaagcgtcg gcgacgcac gcgcgatggc gcggggcgga cagtgcctgt gaaactgaac 60
 acaacaaaag tatggatatg ggaaaccaac atccttctat tagtaggctt caggaaatcc 120
 aaaagggaagt aaaaagtgtga gaacagcaag ttatcggctt cagtggctctg tcagatgaca 180
 agaattacaa gaaactggag aggattctaa caaaacagct ttttgaaata gactctgtag 240
 atactgaagg aaaaggagat attcagcaag ctaggaagcg ggcagcacag gagacagaac 300
 gtcttctcaa agagttggag cagaaa 326

<210> 1050
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1050

taacaaaaca	gctttttgaa	atagactctg	tagatactga	aggaaaagga	gatattcagc	60
aagctaggaa	gcgggcagca	caggagacag	aacgtcttct	caaagagttg	gagcagaatg	120
caaaccaccc	acaccggatt	gaaatacaga	acatttttga	ggaagcccag	tccctcgtga	180
gagagaaaat	tgtgccattt	tataatggag	gcaactgcgt	aactgatgag	tttgaagaag	240
gcatccaaga	tatcattctg	aggctgacac	atgttaaaac	tggaggaaaa	atctccttgc	300
ggaaagcaag	gtatcacact	ttaaag				326

<210> 1051
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1051		
acctttggtc	atgcatagac taagatgttt tacttacttt ttcttttatt tgccaaaagg 60	
aaatagaaaa	ttcagagggc atgttgactt ggggagacct tctgaggaag gaagaaatcc 120	
caggtgacct	ggttctcttc acattcctca ggaagccgc tggtttcagg aagacctgca 180	
caaaggggaa	acctgacctc ataattgaac aaagctgatt tttaaacatg ggaagacagg 240	
gctaattggg	tggttgtag gagtattagt ccccttcagg gagagaattt aatgactgag 300	
gtcacaggag	acaatctt	318

<210> 1052
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1052		
ggctgcagt	gtaatattat attcagtagc agccttagaa gagtgggtcta agacttgaac 60	
ctggagcaat	tttatagcac agaatcctac gaagatagga ctgtgaacat ttgttttctt 120	
cttcgtgtgt	gtcaaaactaa ctggtttttg ctttaccat aaaaatgtcct cggcagagta 180	
aatttttaaac	gtgaaaatta tagatcttga tattgaatcc atcagtgatt caagagatac 240	
acctattttgc	ctaaaacaac ctaagatgta ttggttatgg aatcatgtgt tggataggtt 300	
cttaagacct	gtttcctg	318

<210> 1053
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1053		
ctccaatcca	gatttttaaac acaatccttc taatgtaata tctgtaccta tatagattta 60	
gtatgaaaac	tatacaagct aaaaaatgag aaagcaagga aggtgaaaag aaaagatggg 120	
tagccaattc	ttccgggtct cagtgggaag aagaaaaaca gatggcagga agtagtatga 180	
ctctcttctt	ttttcactgc tggttattat ttgttaactca cagggcagaa taacagctct 240	
agagctcaat	ttatctggag gagattcagc acacctgctt ctctttttcc actggcatgg 300	
ctcttggtgt	aaatttgt	318

<210> 1054
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1054	
tccagaatgt	gagaagagca ttttaactcc attttatgtt ctcaaatccc aagaaaataa 60
ggaatcaaga	aaaatataac aagaaaaata aagaggtgtt gaaatgaaga aaccttaaaa 120
tctaaaaaga	ttcctaattt ttttaatgtt gccttaaat tttgcattga actatctcct 180
tcaagtttcc	ctaatttata catgttttac ccagaaataa cagtcagcta tgcattgctaa 240
ctttaaaaag	tcacgtttat cacatgttgt tttcagagcc aaaagccaaa tgtcctgtct 300

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cccgatgatt ccca
314

<210> 1055
<211> 316
<212> DNA
<213> Homo sapiens

<400> 1055
ttcctctaca agtcaggtcc ttgaagtgca tgagcagccc actggggcat gaacttggcc 60
ctaattgctac acataaccag tagggaggtg gtgaaaaagg gccttcagtg gggggaaatt 120
tgtggatcaa ggcaccaggg ctttcactga aaataaccct gagtcagtgg tctgcctcgt 180
ccctctgctt actatgtagc ctagccatca gcacagctga tcttagctgg tctctgattg 240
tccctcattt cttccctcaa aagctattca tgagactggg tacagtggct cacgcctgta 300
atcccagtac tttggg 316

<210> 1056
<211> 314
<212> DNA
<213> Homo sapiens

<400> 1056
cagggcctat tatagacaat ccattacagc tatgtgagga tttggaagga ttatctaaaa 60
ggcatcactg actgagaata gcttgatagc cgaagggtgat atttgactcc ttcgactacg 120
acaacatcat catactttta atatgtacag ggcatagatg tataatatatg atcatatgga 180
tactaagaga aatttggaag aattcaacct acattactaa tataagaata tagtgacagc 240
acgtagagaa aaagagatta cgtgtttggg ggaaaaaaga caagcctaata acaaaggagg 300
tatacggctg ggcg 314

<210> 1057
<211> 260
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 1057
gtgttttaaac caccagctct atgggtacttg atgtggcagc ccaaactgac taatacaatt 60
gttaaaatct accttccaga tttcagtaga caaaaaatga accagcaaca tctcagagat 120
tgtgaccctt tgtgtgtaca aaagatgagc ccgctttttt tctaaatcag tgtggaaact 180
aaaagtaaaa gtaagttata tcctaaaatg ccaaagtttg tcgtaatcca gtaatcactg 240
ccctctaaaa tacgccattn 260

<210> 1058
<211> 313
<212> DNA
<213> Homo sapiens

<400> 1058
caaaacataa atgtattact caaaatgttt tatatagggg cacaagagtt ctttgactga 60
agcagttttt attttaagtt gtttggcctg aaaccattcc tggcagcaaa aatcttttta 120
aaagtccttca tgtgtagatt taagctatcc ttggcataaa ataattaata tatctatatt 180
tcaaagagca gatggcagaa aggactatac cgaaatatat tttatttctg agcaccagca 240
taaaaaacaag agaaaaaaaa agaacagcca gaatacagag gtttttaggg ctattctaag 300
tgatactata ctg 313

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<210> 1059
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1059
cttccaagta gctgggatta caggtgcttt ttatgcctgc caggccggac gcagtggctc      60
acgcctgtaa tctcatggta ataaattcta tgaataaata tagagcagag tcaggggtag      120
agagagctgg agggtaggca cctatagga aggcctctct ggcaaggcca cacatgagaa      180
atgacctgaa gcaggaggga aggagtcatg tgtatatttg agggaaaggg tgtttaggaa      240
gcgggaacag taagtgcaaa gtccctgaga tgagagagtg cttgatgtgt ttaaggaaatg      300
gcaatgtgca gccaggta                                     318

<210> 1060
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1060
aggttgaaga cactcctaatt tttcaacgtc tcccttagct tcttaataca gaatattaac      60
aagcatacaa gtataagatg ttgatcctta gaaacctagt tccaaaaggc cattattaat      120
cacaattaat tcacagaatt tatttatctt gggaatgttt ctataaaaaca ttttgtgact      180
aaataggtaa agctaatggc agtatttaac tgaaaaaagt aaaggggtac attgacttta      240
ataaaaaacag ttgaaagaac tattcaaaac ataaatgtat tactcacaat gttttatata      300
ggggcacaag agttctg                                     317

<210> 1061
<211> 319
<212> DNA
<213> Homo sapiens

<400> 1061
ggggtgcaga aaacacacat gttataaacc tatatcataa aagcaccata atgtcaagta      60
cttaaaccat aaattggata attcggtcag aaaattgcta ctgctgaaca aaatggctta      120
atTTTTTTTT tTTTTTTTTT ttccaaaaaa aatttctctt ttgttgccca ggacgactat      180
aatgggtgac aataaaggta tttgtgactt ccttgagttt tacaaccctt ttacatgctt      240
aaggcccctg acttcggcgt tttgcagcag gatacccaca cccccggat aattctttct      300
tttaagtaaa aatggggct                                     319

<210> 1062
<211> 310
<212> DNA
<213> Homo sapiens

<400> 1062
ctgaggttat ccttttaatt aactctgctt tgagaagggc taactgatca gttagcagtt      60
gccttatcct ttttaattaac tctgctttga gaagggctaa ctgatcagtt agcagttgaa      120
tatgacagtg tagtaatttc attactcaaa acagtaaaaa ctcaatatgt taagcataca      180
gacatacaaaa tatgaagact ttttttcctt ttctattttt gttggctaatt tattgggaaa      240
ttgatgaatt ttgttatagc aaaggaacgg aattgggttag tatttttggt gggaagagaa      300
gagctgagcc                                     310

<210> 1063
<211> 156
<212> DNA
<213> Homo sapiens

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<400> 1063
tagtttaggc aatattaaca ccttacatct gtaatttttag cattttgaat acacagtttt      60
taatgtacat tatccattgg gcagatccat agaacaagct aaaactttcc agattcacat      120
tactttaaaa atattttgat ttgctgggtg tgggtgg                                156

<210> 1064
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1064
gcttctgaga agtcccacct ttctgagcag ctgtgtttga agaaagctag tgggaaaagt      60
tccaggatta catgtcagga aactacaaga ggtagaaaca tttgttgatt taccagtgtt      120
tttaacttcc tgctgggctg aaaactgctt gtttcgtgga aaagcaaac ttgacagcaa      180
acatctaaaa tgaagagctc ccaaactttt gaggaacaaa cggaatgcat tgtgaacact      240
ctactcatgg acttcttgag cccaacattg caggttgcca gccggaacct atgctgtgta      300
gatgaagtag attcagga                                                    318

<210> 1065
<211> 262
<212> DNA
<213> Homo sapiens

<400> 1065
gagttccaag taggtaatcc ttctgagaag tcccaccttt ctgagcagct gtgtttgaag      60
aaagctagtg ggaaaagtcc caggattaca tgtcaggaaa ctacaagagg tagaaacatt      120
tggttgattta ccagtgtttt taacttccctg ctgggctgaa aactgcttgt ttcgtggaaa      180
agcaaaaactt gacagcaaac atctaaaatg aagcgtctcc aaacttttga ggaacaaacg      240
gaatgcattg tgaacactct ag                                                    262

<210> 1066
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1066
gagcagaggt cagggttcca tataaacagc ctggtcccta actgcttccc ttctgcagtc      60
aaccccagga atggactttt tgttcagtgt ctccctttcat cctctttgaa gagatgcaaa      120
tttgaacaga cgggtgtoget gttgggaact gttttgtccc tgccatcaat tgtatgttcc      180
tctctgtgat tatctggtga gacagtgcaa aaatagggac aaaactaaca ggaaaaaata      240
caaggaaaca ggaaactcta gcgtacagga gttggccagc ataatttatt tttttottat      300
gcatggtcac gctatgt                                                    317

<210> 1067
<211> 294
<212> DNA
<213> Homo sapiens

<400> 1067
tggggaggcc tctactggga accaccttct gtaggacagt caccaggcca gatccagaag      60
gcttgaggcc ctgtgggtccc catccttggg agaagtcagc tccagcacca tgaagggcat      120
cctcgatget ggatcactgc agtgcttgtt gcagctgtag aatctctgag ctgcgtgcag      180
tgtaattcat gggaaaaatc ctgtgtcaac agcattgcct ttgaatgtcc ctcacatgcc      240
aacaccagct gtatcagctt ctcagccagc tccttttttag agacaccagt catt          294

<210> 1068

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<211> 317
<212> DNA
<213> Homo sapiens

<400> 1068
gtgaacaaaa caggattatt cctataaaca gataaaatta acagaagaaa acttaaagtt      60
caaaatgtat tacttgataa aatgctcgta atattathtt accataccca ttttaccatt      120
taaatattac tagttttttt tcttcaatat ccattgataa gcttattctt taaaaacaga      180
agtagggaaa gtgctagctt ttttgcttct tattcacagg aacttgtgca cctgatgtag      240
tatagcacat tctcaaacat ctaataggtc acttctgaat ttttctctga attttgaata      300
agataaaaagt aatttga                                     317

<210> 1069
<211> 315
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 1069
caattctggg agaaaaaatc cagaatgggt ctacagtaat gagctaaatg atttcagctc      60
cctgtttctc tatagtactc aaatagaagg aggacagtca ccatatttgc ttgttgcaat      120
gtgcatgtg  ggcataagtt tcagagatgt atgtcctgtt gcccactt  ttgcatttcc      180
gtgttcatta taaacctttt ccaaagcata atgacacaaa acatgatcat atttatatgg      240
gtcattagca aaagggaata gctactcata ggagagatga ctgngccaag cccaacttgg      300
caacagaatg aagaa                                     315

<210> 1070
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1070
tgtgggggtac attgtcaagc cacaaacata acctgctctg taataatacc ctctacatt      60
gttatcttgc  ttggcacag tatgattcaa gtcttaatct taacactaaa attaatgggt      120
ttactcttat taaaggcatc atcctcaact gaaactcact aaagcatata cacgtcacgt      180
ggaacagctg aacacaaagc tcttaatctg aagttgacct atttagtaaa cctatagctc      240
agaatttgac ctcatcacct cagaaaatca gggataaaat ctgtctttat attgtttcag      300
gtacttgggt  atcagag                                     317

<210> 1071
<211> 318
<212> DNA
<213> Homo sapiens

<400> 1071
aacactaacc cacagggagg atgaaagagg aaagtgcctc ctctggctga aactgccagg      60
atgccctcta cttctaaaaa ctttgggtat ttccatagc gcgtttctat aacaaaaaat      120
atgtgctagt tcccgttagc tggaactgac atgtggaagg ggccaggctc tgtggggcct      180
ggccaagact gccccctgt  gtacagcaag ggaggacctg cggttccacc agagccagag      240
cagggccaga ggccgcaggg gcacctctga gctccaacaa agccagcaac accccatacc      300
gccgaacaga cagaaagg                                     318

<210> 1072

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<211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1072
 tgccatcagc ttctgaatca tgtgtgcacc ctaccccaca cggcagtgga gtggcagctc 60
 tcgtgactgt aaaagccaca caagctcaag gcaaaaagtg gaacatgcaa agggaatgaa 120
 gtgaagagcc aagtcagcca cgtctctctt ccctccctca cctcccagcg gctgcctgtg 180
 cccatggcac cgagtaaaga ttttaagtgg atcaagatct tcatgtttgg aacaacttgg 240
 ccaatgactt tatctggtgc atctgagaaa ctattgaaag gagccacagc tggaggaaca 300
 cagcacttac taggttgg 318

<210> 1073
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1073
 cctactaggt caagtgagta ccaaggacag cgtggcaggt gaccatacag acgcctgaat 60
 aacaggaggc atgctgcatt gaggcctacc tttggaaaaa gataccacga tgctttaaca 120
 accgtggtta atagtgttca tgcctttgtt aattgtactc atgaagtagt aataaagggt 180
 aatattctcc attggcatta tcaaatatta aagtactggc caggcgtggt agctcatgcc 240
 tgtattgccca gcaatttggg aagctgaggc aggtggatca ctagaagtta ggagttcgag 300
 accaacctgg ccaaca 316

<210> 1074
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1074
 ggagaagaaa gacgacagcg ggaacacaca agaagaaaac ttactcttcg tagaaaaata 60
 gaagaggaat ggaagacaaa agagatgtta cttctgacaa ggatggcaga agatgttaaa 120
 agagaagaga ggatagaaga acaacagcat agaaacagag aagagagtga caggaaggag 180
 gtataaatat ttcaggccaa ggttcaatta tttcagcgca ggtatcacc acgagaaatt 240
 tttccagagt ttcacaggca tttttggatc cttcaaaaaga agagaaggag acaaatgctg 300
 attgcatgg aagacc 316

<210> 1075
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1075
 tactggaact ttctaatttg taaaaaaaaa aaaatcctaa atactcttaa atcaacaatt 60
 acaacccttc ataagccatt ttgggtaaat ttttgttctt ttggaaaaaa ccacactttc 120
 ctgtatatgt ttcacaaaaa aaaaaagggt ctccccattt tcccaggagc cgagatttaa 180
 gagttgcttg ttattgcagc aaaacctcac ctcttctgac caatcatggt ggaatttctg 240
 ggtgtgcgcc catgtgcttg tgtgagggcc gtgcgtgttt caccocgccg aaaccctcgc 300
 ctcttaaca ctcc 314

<210> 1076
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1076

actttctgct	ttgccccctc	cctaccteta	tgctgatgaa	gagccagcca	tgctccagc	60
ccttcctgag	gccaccacat	gatcttgctt	attttcccat	tccaggaggt	cacctgcagg	120
gctcctccca	cctagccaca	atggctagtc	ccgctgcctc	cacagtggcc	ctgcagcccc	180
atcccagacc	cactgcacgg	ggtcacaagc	ttgtgcaggg	tggacagagc	agtagctcat	240
ggcagacatt	ccttctgttc	atctgttgca	gggaaaatgg	ggtgaggcat	gggaggggtt	300
cccagaatcc	cag					313

<210> 1077
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1077						
tatgggagga	aaccaagcct	cagagagaca	gaatcatttg	tgggagcagg	tggagttgaa	60
tccagggtccg	ccggattoca	aatccgacac	cacctccac	tttctgactt	tgtaagatt	120
ccaccgcac	tagcctgggc	ccgggcaggc	ctgggggtcag	tccccactg	cccggctgga	180
ccgcagagag	cagggcacag	ctcttcctac	cctagttggg	gccagctgcc	aagatgcctc	240
ttggggttgg	gaaaaggagc	tgagctgctt	gtccaggctg	gtgggtgatt	cctggggcac	300
ctgtttcagt	gct					313

<210> 1078
 <211> 279
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 1078						
aatcactgat	gactcttggt	aagcccctct	gtgggaaagt	agtatctccc	tgggtatcca	60
acttgcaagg	agtggttcagg	atctcatggt	ctgtagaggt	cataaggagt	gccagctaatt	120
ctgggctgtc	atgtagacac	agctcagtg	agagttttct	ggcaaaagga	ggagcaaagg	180
ccctggggca	gagaaaatct	tggagagtac	ggaaaggcca	tgagactgaa	gtgtaataaa	240
tgaagcatga	ggagtgtgtg	cgangacagg	acgccaaga			279

<210> 1079
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 1079						
aacacaagag	tcaacactct	gtaattggaa	atattaatct	gtgtgaagga	aatagctaaa	60
ttaatgtcaa	acaacaatcc	cgaagacaaa	gctgatgcc	cagactcagt	ttcagttggg	120
attaaataga	tattatttca	gtgtttatta	aaagatgaga	cacattaact	aggttatcac	180
tcgtatttaa	gtttctttaa	ctatacgggt	ctaatttagg	tactaaacaa	agttaaaaat	240
attttaaaat	agctaaaaaa	taagcaaatt	tgcatacaga	aaataaattt	attagacact	300
tttacattt						309

<210> 1080
 <211> 306
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(306)
 <223> n = A,T,C or G

<400> 1080
 aggggggtatc ttgtagatta ggtagcaaaa ttggaagtca aagtgtccag tggcagtggt 60
 gaaaagtgtt gaccaacctc ggtttgatga aggtggcgtg aaagtcaact taaacttttc 120
 actgggaagc aggatatttc tgagcctaata gcttatggag aattggcctc tgtatttccc 180
 tccagacttt catgaggcac ccggccttggc ccaaaccatga gccagatgct gaatggcctg 240
 ccaatgcctg ccaatgtgaa aattattcag tttggttaag aaacaattta ctcatattct 300
 ggnttg 306

<210> 1081
 <211> 303
 <212> DNA
 <213> Homo sapiens

<400> 1081
 ctgcttcattg tttatacctc acgtgattac tcatttcaag catactgtct ctttccgaga 60
 gtaatgatga aaacattgaa gaaaccatcg atccaattac ccatactgat ccagaagta 120
 taaagaaaat ggtaatatcc ttggatggct tcttttcata tttggtatag cttgatataa 180
 agtaggaagc ctgcatgatt ttactgtgct ctcagaatag ggatttttgt tttgctttaa 240
 cgcaagctgg gtgttggaag gagatttgaa acttgtgttt ggctgggata tgatgtagac 300
 agg 303

<210> 1082
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 1082
 tcttacaata atcctgtaag gtaacatata cctcttttta taaatgagga aattggggct 60
 tagctaagtt aacttgacac aggtcaccca tgtagccaag aagcgttacc tagcttacat 120
 tattaactca tgccactttt attttttgag acggagtctc accctgtcgc ccaggctgga 180
 gtgcaatggg gcgactcag ctcactgcaa cctccgcctc cggggttcaa gcgattcttg 240
 tgccttg 247

<210> 1083
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 1083
 gaccagctca aaagagaaaa aggtgcaaac aatgcgaaga aactttaagg caagtatcta 60
 actacatatt tggaaacaag tgaatgaaac tgtttatgta ccagagatag aaaaaatatt 120
 ataacagtct acaggtgttg cattagtgtt gtgtgcttgt ctttacaact aggcagataa 180
 ataaaaacaa atatgttttt aaaattccaa catgtggtag tttgaaagtg tgtctcacca 240
 agtggaatca taaaatctgg ctcaaatttt agataaattt ggacttaaat ata 293

<210> 1084
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 1084
 gagcctttcc atcagcccct gtgctgggta cgggtgaacc tggggttcct ggtttgagct 60
 catggagagc cttggggccac taggggttcc ccaacgcggt ggaaagccca tgagaggaaat 120
 gtgagctgtg acggaggaga agtgaggcgc tattggcata aaagaaaact aatcctcgcc 180

```

acgggggagcg ggacctgggt ctcccatgga aaaaagtgcc ttcccatcaa tccctgcgct      240
gggccccgtg gacccaggcg accctgggtc taggcctggg tgcacctcag gcccgcta      298

<210> 1085
<211> 301
<212> DNA
<213> Homo sapiens

<400> 1085
tttcttcagg gaatttatca gctaccttct cccacttgaa tactatattt aaattccctg      60
tataatctga ttggaatatg cctgacaaaa tataataacc tgagtatggt tgcttactaga    120
tattacctac aatatagtta aattgtatca ttttatgtat caatgggtga aatactggcc    180
tagttcatcc actattgttt taacaaaatg ttgacacctt cctgttggtt taaatagaat    240
ctcccttttc tataatctttg ctgttactat taatatgaca tgtcaagtca gatgtagaca    300
a                                                                 301

<210> 1086
<211> 326
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 1086
ggattctaca agcttttttg gtggaaaaca atgataagta agccctattc atgaaaccgt      60
atgcctctca ttttgaaatg aataattgca cgtacagact tataagaata atggcactta    120
tagtgactgc tatttttaat gtctttttca aagtgtctctt ctaaaacatt cttctttgac    180
atctctgatt cttttaccca gcaagnttta tgtatttttc tacttctgag gtcacctgag    240
gaagaatttt ctaacagata ccactttttt tttttttttt tttggaaaag gagtctggtt    300
ctgcccccaa ggttgggggg cggggg                                     326

<210> 1087
<211> 295
<212> DNA
<213> Homo sapiens

<400> 1087
cacccttccc ccatgccaac actgccactg gcagaaaact accgagggag accagcagac      60
ctgtcccca ctcagtggta gatgctgccc atgttaacgt gcacacagag gatgtacaca    120
agcccatgcc aaccgggtgc ctgccaacac cactggcagt gcaaattgtg gtatgggcac    180
cactgggttc cctaccccc atgccataca gccaccacca aagctgtgac tgctgcaca    240
atggctggca tatctgcact caccagcacc ccctacagt tgatgagcat gcacg          295

<210> 1088
<211> 286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 1088

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gtgctaagaa	aataatctct	cttttttctg	ttgaaaacta	gcacaagtgg	cctgtgaact	60
tgcttgatgg	gagaaagcac	atttaatctg	gatgttcac	tgcaaagcat	ttagtttaac	120
agccacagaa	aaattattcc	tgcgtaattg	atccgtgaag	cagatttatc	gtgactagac	180
catttggtgtg	tgtgtgtgtg	tgtatgtgtg	cgtgtgcgtg	tgtgtgagtg	tgtgaatgan	240
aatcaggatg	acgggtgnac	aacagcacc	tctggagacg	atagt		286

<210> 1089
 <211> 284
 <212> DNA
 <213> Homo sapiens

caggtaaatt	gcctttgcct	ctctcctggg	ctagatcctg	attcctgggc	ctgatggctt	60
cctattttctc	agttcacccct	catttggtga	aacatatacct	caaatactct	ctttaaaaag	120
tcatggccag	aaggctgggc	actgtggctc	acgcctgtaa	tcccagcact	ttgggaggcc	180
ggggcaggcg	gaccacctga	ggtcaggagt	ttgagaccag	cccgcccaac	atggagaaac	240
cctgtctcta	ctataaatat	acaaaattta	gccaggcgtg	gtgg		284

<210> 1090
 <211> 276
 <212> DNA
 <213> Homo sapiens

attcattata	ttatggttta	cttttgcttt	atactaatta	ttagctcaaa	aacattttatt	60
taaaaaattg	aactagaatt	ttaaaatata	aaaaatttaa	actaacaagt	tagtcagttt	120
tactatttagc	atcaaccatt	ataagtaatt	cttttctata	acagatcaaa	atctcagtga	180
aaattcataa	accacaatag	ttgtctcaaa	ttattttatgt	tgtcaaaata	acaataagac	240
tattgtctacc	tcaataatag	gtacctcaaa	acaaat			276

<210> 1091
 <211> 270
 <212> DNA
 <213> Homo sapiens

gaggcacgat	aaatagtaca	aaaggcatac	aggtttctgc	aatgtgtgta	cactggagcc	60
cttataatga	agaccagac	acaagatggg	tgcagaagct	tgtctaccat	atgaagatta	120
cagaaagaat	ggggtcttgg	atcacatggg	aaaaaaaaag	gttatgtgag	aaaaggacgc	180
tgactagcaa	cagtggactt	attacgtagg	cgaaacctca	ctgggagcag	tcctcagagt	240
gcataagagag	aaaatgtttc	tttcagacct				270

<210> 1092
 <211> 269
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(269)
 <223> n = A,T,C or G

tcccaacact	agcttgctat	ctgagaccat	ctgcctgctg	ctggctttcc	tggcacaac	60
attctgcatg	taggcacagt	gtgctcctgg	actccatgtc	acctcagttc	acctcatgt	120
tcctcgggtt	cctgtcccca	gtccagcaag	cagaaactga	ttacagatct	taacagaaga	180
tacagattga	aaataacttg	cctgttcccg	tggactttat	ccactagtca	aggaggacaa	240

gtggacaagg ggagaggggta ngtggggggc

269

<210> 1093

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1093

cccatcgatt	cgccacacctt	catcctgagc	ctaaaaggcc	atctctgagc	acttggggcag	60
ccactcctct	gggcctcaga	gggccatgag	cttggccagg	taggcacagc	ggcggggaag	120
tcacagctgt	caggtaccgg	ccatggtgca	ggtgggaata	ggagatgcca	gagctgcttt	180
agctgagaga	aagcaaacag	tcagcagtg	tcaaaggagc	aaaacttcga	atgtgcacat	240
tgacccctga	cacctgcaag	cataacacag	atcctaagac	tagagtgaag	taggaagaag	300
aattagaaaa	tccagtggat	gtcctgagta	tagggaacca	gggccgctga	aaatcagtaa	360
aggttgatta	cctggngcga	gaccgggtga	ctgtggcagt	gcaggtgaag	gtaccctgga	420
ccttctcag						429

<210> 1094

<211> 426

<212> DNA

<213> Homo sapiens

<400> 1094

ggcacgaggc	cacagaaaca	tgcccctgat	tcagtgcctc	tgcttagctg	taacatgtta	60
atcagaacta	cctggcatct	tcctgaacaa	gactttcaat	aggggccagt	atgcttcgct	120
tcattccagaa	gttttctcaa	gcattcttcaa	agatactgaa	gtactctttc	ccagtgggac	180
taagaaccag	cagaacagat	atactttctc	tcaagatgtc	tctccagcaa	aacttttccc	240
catgtccaag	gccttggett	tcctcatcat	ttccagcgta	tatgagcaag	acacagtgtc	300
atcatacatc	cccctgcagc	tttaaaaagc	agcagaagca	agcacttcta	gccagaccct	360
caagcaccat	cacttaccta	actgacagcc	caaagccagc	attatgtgta	actctggcag	420
gactaa						426

<210> 1095

<211> 427

<212> DNA

<213> Homo sapiens

<400> 1095

ggcacgagca	aggaaggagt	cctgggagca	tggttttccc	tgagccaaag	ccgcggcctc	60
cagagctgcc	gcagaaacgg	ttgaagacgc	tggactgcgg	gcagggggca	gtgcgagccg	120
tacgatttaa	tgtggatggc	aattactgcc	tgacgtgcgg	cagtgacaag	acgtgaagc	180
tgtggaaccc	gcttcggggg	acgtgctgtc	ggacgtacag	cggccacggc	tactaggtgc	240
tggatgcggc	cggctccttt	gacaacagta	gtctctgtc	cggcggcggg	gaaccaaggc	300
tggttctgtg	ggatgtggca	tcagggcagg	tcgtgcgcaa	attccggggc	cacgcattgga	360
aggtgaacac	gggtgcagttt	aatgaagagg	ccacagttat	cctgtccggc	tctattgatt	420
ccagtat						427

<210> 1096

<211> 423

<212> DNA

<213> Homo sapiens


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<400> 1096
ccccatcgat tcgaattcgg cagcaggaaa ccttaaacta tataggctctg ctggactgtg      60
tggctgagta tcatagagat tttcattgtg atctattacc tacaaagtct tctctgtggtt      120
tctctttagg ggcaagctct gtgtgattga ttggaagaca tcagagaaac caaagccttt      180
tattcaaagt acatttgaca acccactgca agttgtggca tacatgggtg ccatgaacca      240
tgataccaac tacagctttc aggttcaatg ttgcttaatt gtggtggcct acaaagatgg      300
atcacctgcc caccacatt tcattggatgc agagctctgt tcccagtact ggaccaagtg      360
gcttcttcga ctagaagaat atacggaaaa gaaaaagaac cagaatattc agaaaccaga      420
ata                                           423

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<210> 1097
<211> 387
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

```

```

<400> 1097
ttttagttta tgcagagcga ctggtctttc ttgcattttt ttttgtangt gattggcaga      60
aaataaaaaat ggccatatgt ttgaaactca gcatcatctg ccctaggga gtaataaaca      120
aaacaagaga gcacaaagac tcaataaag aagcaaattg ggcacatcaa aaaaagtcta      180
ttgagaaaat ttaccccagt agctaaagat aactgatagt agagtataaa ttgaggtata      240
agaactctca gtgttcagta tgacagtggg tacacttaag actaagtgtt tttttttctc      300
atttaacata atttaatact tatagaagtt tcaagaactg tacaaagaat ttcagaataa      360
tttttaccce gatttcccaa atgttat                                           387

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<210> 1098
<211> 415
<212> DNA
<213> Homo sapiens

```

```

<400> 1098
cccatcgatt cgaattcggc acgagggtat ctattttaag tcaggggctt tactagccga      60
tttagttctc acaataacca tgtggagaag ctgtgacatt tttaatttac aacctttctg      120
gggctcagac ataaagttac ctatccaagg ttgcagttgg gtagtggtgg gaccaggatg      180
gacaactcat tggccctgcc tcaaaagcca tacctcttct cctgctatgc agaactgtgt      240
tctcctgaat ctctgtgatg ctggtgggaa ttgtttgcat agaggaagga caataaccct      300
gccatcgtga gttaatgtcc gggctggtca cagtggttca tgcctgtaat cccagcactt      360
tgggagtgca aggcaggcat atcatttgag gtcaggaggt taagaccagc ctggc      415

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```

<210> 1099
<211> 420
<212> DNA
<213> Homo sapiens

```

```

<400> 1099
gatcccatcg attcgtggag ctaggtctcc aggtgggcct gggtcccagg cagcagggtg      60
gaaccctggg cctggatgtg aggggcggtc aggaaggggt acagggggtc cctcatctgg      120
agttccccct caataaagca aggtctggac ctgccttccc aggcccttct gtgggggtga      180
aggtggggaa ggctgcggc gccagatca ctgccttagc agtagtcttg cctgttcagt      240
gcaaggggca ggttttggg ggaggaattc ttagcgcaag gacgggcctc agccctgtcg      300
cctccagggg gccgctgacc caggtgggga gagggcaaaa gaaggggtgg ggacgtgggc      360
aggccaggct cacagggtga aatcacggat gcagggtggt gccacgcca aggcctgcag      420

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<210> 1100
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 1100
 gacttccggt cggcgtgagc gtgaggtgtg ggtgttcgtt tctcaagtaa aacatggcta 60
 aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc 120
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgtt ttaatgaaag 180
 atgttcaaga gatagcaact gtggtggtac ccaaaccaca acattgccaa gagaaaatgc 240
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300
 aaaagactct tctagaccag catggacagt acccaatatg gatgaaccan aggcaaagaa 360
 aaaagcttga ggcaaagcga gat 383

<210> 1101
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 1101
 ggcacgaggg ccggccatgc ttgtcctggt gaccgaccag gaggtcctcg gggagctggg 60
 gcggggcgaag ctgccggctg tggggggccct gatggagcgt ctccggtgtgc tgtggacgct 120
 gctggtgtcc cgctggttca tctgctgttt tgtggacatc ttgcccggtg agacagtgtc 180
 tccgatcttg gactgggtgt ttaacgaagg ctccgaagatt atcttccggg tggccctgac 240
 cttaattaag cagcaccagg agttgatttt ggaagccacc agcgttcccg acatttgcca 300
 taagttaaag cagataacca aaggaggattt cgtgatggag tgtcacacgg ttatgcagaa 360
 aatatTTTTT agaacctggg aggccttatcc ctggggcacc cgtcgccca 409

<210> 1102
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1102
 cggttgcgtc gtaaaaaatta gtgatagagg tagagattta catatatata aatctcatte 60
 attacttact atagaacaca gtaattttta tatgttcctt tgaaacatat gaagaaaagc 120
 agagttttca catatatgta gttagaaaag ggaaagcgtc ataataacag ttagtggatt 180
 tttttgttac tatatcaaac tccccacata tttcggaat aagttgcaat gtagaatctg 240
 aaagcctatg actaaacttc catactcaag tgttaaaagc tattggttta gcatgcactt 300
 taagatgata ttttaccat aagtgatttt tgacatcata tattggtcat ttgaaaaata 360
 ctgcttcact gtattatgta attaattgca taaatg 396

<210> 1103
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 1103
 cggttgcgtc gacctagttg gtgcctcaca gggttcctgc tgccctggtg cttgctgac 60
 atcaccctgg tcacttcatg ctgattagaa tgacatctct ttcgtctcct attttgttac 120
 ccaactcttc ctatttttgg taccaatcac tgtgctctct gccgccccct ggctccaggc 180
 taatttttct ggaatgaatt gagaaggtgg cgtgctggcc tgagctgatg gaccacttgg 240

tgttttgcgt	tttggcccat	gtttgctgcc	tctatctggt	ctgccttgcc	cgtttgccctg	300
ttcctattca	gtgtcttttc	tattttttcc	tctctcgttc	atgcctttctg	ttttgctctt	360
gtccctggag	catatctgcc	taattaagat	gttgg			395

<210> 1104
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1104						
cgttgctgtc	gggaaagtaa	ccaagaaacc	tctaggaatt	agtgaaaaaa	gaactttttt	60
gaggtgtgtt	actatactgc	tgtaagttat	ttattatata	aagtattgta	aatagaatag	120
tgttgaagat	atgaaatatg	gctattttta	atggtgacaa	ttatgacttt	tagtcactat	180
taaattgggg	ttacctatat	cagtacaatt	tgtagttgtt	tccaggtttg	gctaataatc	240
attccttaac	ctagaattca	gatgatcctg	gaattaaaggc	aggtcagagg	actgtaatga	300
tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtgc	tgcttcctaa	taggaattca	360
ttaacctaaa	acaagatgtt	actatttatat	cgatag			396

<210> 1105
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 1105						
tactccacaa	atagagatgt	atctactcgg	atcgggggaa	ctgtaggaga	gaatatgtga	60
aagccacttc	ctacgccccaa	tacgaatgag	ttgtctttta	acatctgccca	ggcccaggca	120
gctctccatg	caagtgcaag	ttcacaaaga	agttttctac	tcctgtccta	ttccgccttc	180
ctttgatcct	actctggaag	agttagaaac	tggcaaacct	ggggtgcaag	cataaaaatt	240
aggtgtctca	tctccttccc	cactgtggac	ttctagccta	cagaagttcc	tagctgaatg	300
aaagacctag	attttgtact	atctcatgtt	tgggatttgg	attgagacca	caccatagaa	360
gagaatcatg	agcctagagc					380

<210> 1106
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 1106						
acttgagccc	aggaggttga	ggctgcagtg	agctgtgatt	atgacactgc	actccagcct	60
gggcaacaga	gcaagaccct	gtctcctcct	tccccgtccc	ctccaaaaaa	aaaaaaaaaa	120
aaaaaaaaaa	aggggggggg	ttttttcggg	gaacccccacg	gggaaaaaac	ctttgggggg	180
gtggggcccc	ccccccctta	aagggggggg	aaaaaagggt	ttttttggga	aaattggggg	240
cgcttttgtt	tttttggccc	ctttaaaggg	gggaaaaaac	gagtaacag		289

<210> 1107
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1107						
cgttgctgtc	gaggaactcg	gccgcccgga	gttgtggcct	catcgtgctt	cccgccaaaa	60
acgccttggt	actgtcggga	cgcggctaag	cgtggacgcg	cccgcatctg	ccccctctcc	120
gcagtggtgg	aagacacccg	cggagcgccg	gtggataagg	gccgtttcct	gagaccagag	180
ctgtatccgc	atcagcctac	ccgtatatata	caagaaatct	caagtcaaac	actggaaaag	240
atgtcagaag	atcagaaaaa	ggaagactat	tcagacagaa	caatcagtga	tgaagatgaa	300
tcggatgagg	atatgttcat	gaaatttgta	agtgaagatc	ttcatcggtg	tgcactttta	360
acagctgact	cttttggcga	tcccttatcc	ccc			393

<210> 1108
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1108
 cgttgctgtc gatattctga aagatgtcag tggagtgcga gctcttgaaa gtgctgttca 60
 acatgaaacc ttaaactata taggtctgct ggactgtgtg gctgagtatc agggcaagct 120
 ctgtgtgatt gattggaaga catcagagaa accaaagcct tttattcaaa gtacatttga 180
 caaccactg caagttgtgg catacatggg tgccatgaac catgatacca actacagctt 240
 tcaggttcaa tgtggcttaa ttgtggtggc ctacaaagat ggatcacctg cccaccaca 300
 tttcatggat gcagagctct gttcccagta ctggaccaag tggcttcttc gactagaaga 360
 atatacggaa aagaaaaaga accagaatat tcagaaa 397

<210> 1109
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1109
 cgttgctgtc gaaaaaggag agctcttctt caagataagg aagtggtagt tatggtggta 60
 acccccggct atcagtccgg atggttgcca cccctcctgc tgtaggatgg aagcagccat 120
 ggagtgggag ggaggcgcaa taagacaccc ctccacagag cttggcatca tgggaagctg 180
 gttctacctc ttcttggtct ctttgtttta aggcctggct gggagccttc cttttgggtg 240
 tctttctctt ctccaacca cagaaaagac tgctcttcaa aggtggaggg tcttcatgaa 300
 acacagctgc caggagccca ggcacagggc tggggggcctg gaaaaaggag ggcacacagg 360
 aggagggagg agctggtagg gagatgctgg ctt 393

<210> 1110
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 1110
 cctcgggcta ccaggtttta gcagcaactt acaaccaggc tgcccagctc tgggaaggtgg 60
 gggaggcaca gtccaaggag acactgtctg gacacaagga taaggtgaca gctgccaat 120
 tcaagctaac gaggcaccag gcagtgactg ggagccgcga ccggacagtg aaggagtggg 180
 acctcggccg tgcctattgc tccaggacca tcaatgtcct ttctactgt aatgacgtgg 240
 tgtgtgggga ccatatcatc attagtggcc acaatgacca gaagatccgg ttctgggaca 300
 gcagggggcc ccaactgcacc caggatcatc ctgtgcaggg ccgggtcacc tccctgagcc 360
 tcagccacga ccaactgcac ctgctcagct gttcccagga can 403

<210> 1111
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1111
 gggagtgcga gggggcagct agccgagatg acgaggcacc actccagcct ggcgacagag 60
 tgagattttg tcctaaaaaa agaaagaaag aaaatgaaaa catttcatct ggaatatcca 120
 aaattagggt taatatattt taaatctcat tagacttttt gatagattgc tgtaaatatt 180

atgtgaaagt	tatgcttgtc	ttcaatttca	gtggtgtag	atatctaaat	acaagcctgg	240
ctatTTTTTg	TTTTTTTTT	TTTTTAAAA	aaactttggt	cttcaaccg	gccggagggg	300
ggggggaaca	atttgggtaa	aaggaacatt	ggcctccaaa	acccccccct	ttccccggcg	360

<210> 1112
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 1112						
cgctgctgtc	gttaagtttc	atggttaagc	tgttttcagc	aggcccacga	gtatcaagaa	60
caaaagggac	ggtcctccag	taaagatggc	catcaaggca	gcaaatctaa	tgactccggg	120
gaagaagcat	aaaaagagtt	tatttttgtg	taaaggtcac	ccacgcataa	ttcttctgt	180
gcccctagct	tggcaagccc	ctttactgga	accctgggcc	tgatatatgt	ttaccaggcg	240
gacgtctgtg	cgtgctttat	tctcttcttt	ttctttatat	agccccacc	cccatccct	300
gcctTTTTT	TTTTTTTg	aaaaaaacac	cacctttttt	tggaatacaa	aacaacattt	360
ttggggcttt	ccccccccct	tg				382

<210> 1113
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 1113						
ggcggctggc	gcggcggaag	ggatgaggcg	ctgcagtctc	tgcgctttcg	acgccgcccc	60
ggggcccagg	cggctgatgc	gtgtgggcct	cgcgctgata	ttgggtgggccc	acgtgaacct	120
gctgctgggg	gccgtgctgc	atggcacctg	cctgcggcac	gtggccaatc	cccgcgggcg	180
tgtcacgccg	gagtacaccg	tagccaatgt	catctctgtc	ggctcggggc	tgctgagcgt	240
ttcgtggga	cttgtggccc	tcctggcgct	caggaacctt	cttcgccctc	caactgcactg	300
ggtcctgctg	gcactagctc	tggtgaacct	gctcttgctc	gntgcctggc	tcctggggct	360

<210> 1114
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1114						
ttatTTTggg	cttgtgggaa	gaataattat	tgctattggg	tttgttagta	tcccaaagaa	60
aagttattat	ttttaatat	cgcacctaga	tctctgtctc	tctctacaca	cacacacaca	120
cacacacaca	cacacatatt	tacatataga	tataaatctg	gaatgtatct	ttttatacat	180
acatttgaaa	tataaatcaa	tatctctgta	tatatccatt	tatacttata	tatatgggtca	240
tattgggtatt	atttatagat	ttaagaaaac	tactttgtta	aatagattgg	caagattctt	300
tgagtacgat	gaaacttcaa	attgcctata	aagtaag			337

<210> 1115
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1115						
ataagattgg	atgactgctt	gaaagttata	tgaaactgtg	taattcagct	tgcaagaaatt	60
aagttccctg	cttcatgttt	ataoctcacg	tgattactca	tttcaagcat	actgtctctt	120

tccgagagta atgatgaaaa cattgaagaa accatcgatc caattaccca tactgatccc	180
agaagtataa agaaaatggt aatattcttg tatgtcttct tttcatattt gggatagctt	240
gatataaagt ggggaagtctg tatgatttta ctgtgctctc agaataggga attttgtttt	300
gttttaaatgg cagctggcgt tggaaagag	329

<210> 1116
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 1116	
ggcaagatgc tttctacagt agacagttcc ataagagggc agacagttga gggctattta	60
ccaaaagcca gtctcccag ctattgggag ataagtccca attcttgaag acaggggtggc	120
atatcactag tacagtaata tagataaaaag ttttttaatg atagtttagc aaacgtgaag	180
tttttaattt atttaaattt tatttattaa attgcctgtg aatgtgacac tttcttcagt	240
catgttttat caggtaagtg cttctttctc ctttgaaaat tgtaattctg cagagagggga	300
gctactgtaa atttaagctt tttgtttgtn	330

<210> 1117
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 1117	
aaatgatacc tttaaaaaag cctcttccta aagacttctt ttaagtataa tgatgatcac	60
taattacttt gttgtgagca caaataagaa ttactttctt caaaaattct aactaaataa	120
attactccag tcaaaaagat gtactcaatt aattctttat taagggcggt gtaaaatcta	180
agtgattgtt ccagagaagt taggcagtgc caggaaaata tttatcactt agcttagtaa	240
ttatttactt agaaaaagtt caaaaaaggc cgggcgcagt ggctcacacc tgtaatccca	300
gcactttggg agaccaaggt gg	322

<210> 1118
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1118	
aaatgatacc tttaaaaaag cctcttccta aagacttctt ttaagtataa tgatgatcac	60
taattacttt gttgtgagca caaataagaa ttactttctt caaaaattct aactaaataa	120
attactccag tcaaaaagat gtactcaatt aattctttat taagggcggt gtaaaatcta	180
agtgattgtt ccagagaagt taggcagtgc caggaaaata tttatcactt agcttagtaa	240
ttatttactt agaaaaagtt caaaaaaggc cgggcgcagt ggctcacacc tgtaatccca	300
gcactttggg agaccaaggt gggc	324

<210> 1119
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1119	
gtgacaataa tgtattttat aacattaacc atttttagat tctttgaata aactcaattt	60
ggcaaagggt cgggtgggtt ttttttttta aaatagggtc tgttaaactt actttttggg	120

gaatttttgca tttataaccg ggccttcac	atctttaact ggaaaattct attctaagtt	180
ataaaactta aggcaagtta ctcaaataat	acatttaatac ttgccacga atctttaaaa	240
gaatccagaa aaaaggaaac tccctttttt	cttcaatact acctatcctc tgccccaacc	300
ttttctattc attctttt		318

<210> 1120
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 1120		
acacttttaa atatgtaatg cttccaatct	tgcttttgtgt atctcattta atttggtata	60
aggtagtact gatttttagca tattaatg	acttcttcct tgttggttgc tttggtctgt	120
ggatcatccag agagcttaaa ttgtcattat	tttgggaaga aaacctgtat ttttggtagt	180
ttacaat		187

<210> 1121
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 1121		
aactagatgg agtcctggca ctcactggga	ttgagaacac atgacaaact aataggttta	60
ctgggcaggc ggctaagctg atctacttgc	tggttcaatt agctccactt tccggaggct	120
agcattttcc caaccttgcc ccatgctctt	gtgggtacat ttacctatt tggggcctta	180
gcgctttaca aatgaacgtt tcagtttaag	agacattgcc gcataactta tattaagtgg	240
tatgaattca aaagcaagct ctgccactac	acatcagaat ccagcactga aggaggtgtg	300
gaagtcataa agatggaca		319

<210> 1122
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 1122		
gtagatacta tgtgttgaag tctatagcta	agcaacttaa gccaaaaagg tctttcaact	60
gaagctttta tcaacttatt ttggagatgt	tctctttcct ttactcatgc gtgattccta	120
aaataataag atacatggga ttaaatagcc	cttggctttt aacacaaatc aggt	174

<210> 1123
 <211> 177
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 1123		
anaaaacaaa gccacatcct gttttttata	ctgtcttttt gtggcttgct catggcatga	60
atctttctagc tgtcaacaaa gggagggg	cgcttttgggct ggaggagaca agaagccttc	120
aggaaaaagg agggcttttg atacattttc	tttctttcct tcttttcttt ccttcct	177

<210> 1124
 <211> 392
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1124

acagttaaga	aaatattaca	gaatgtagaa	caaagaaaca	aacagaaaac	aaattagtga	60
aaaaaaatta	cacacacata	cacacacgca	cacacttatc	tatctctcta	tatatatcta	120
gttcagtact	tgcaatatag	gcacccctaga	gagaaacaat	ggacaaagta	gaaggaaaaa	180
tgatcaagga	actaataaag	gagatgttcc	cagactaaat	gcagtcataa	gtctgcagtt	240
ggagtttgct	tactaagtgt	ccagcacatt	aaataataaa	aggctcacia	cctaaacaga	300
tttttgagaa	atttgaacat	ccaaatgaaa	aaaaatagaa	aatcctaagt	ctttcagaga	360
caataagtaa	ctacaaagga	agaanaatat	ga			392

<210> 1125

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1125

cggtgctgtc	ggtgaaagag	aaatgttttt	cttgttgcac	tgattacatt	ttataaat	60
gcttagctgg	aaagtttggg	aaaagaggcc	tgtttgtaa	ttgtacaacc	gattgtgaag	120
ctctagtgtg	aatattttta	cgtctgtatt	agacattttc	tttgcaaacc	tattgttcga	180
ttgaaatgta	aatgaaatta	aagatgggtg	acacccatca	tgtaaaaagc	aggcaccatc	240
tctaagatgg	atttaaatgct	cattttttaag	gcataatact	agcttctatt	taaaactata	300
atttaaaata	attctgtaca	atgaaatggg	gaatatatat	gggaataaat	tctattccat	360
ttattttcaat	ttgaattttcc	aaattgtaat	gtttcccttt	gtgctatagg	aatag	415

<210> 1126

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1126

agaggaggag	aatcggggagc	agaagaagga	ggaagagatg	aagagaacaa	caaaagaatg	60
aggaaaagag	aagaggacga	caggaggagg	agaggatgag	aaaaagagga	aaggaggaaa	120
ggaagagaag	gaggaggagg	agaaggagga	gtacaggaga	tggaacaagga	ggaggagggg	180
accagggaaga	ggagaagacg	acgagaaagg	agaggaggag	aatcggcagc	agaagaagga	240
ggacgagatg	aagaggtgaa	tgagaggagg	aggaacggag	aacataacga	ggaggataac	300
aggagtggac	atgactgcat	gctgcattca	ctcggacacg	ccgcccctta	tttcaggacg	360
aaccctgggc	ctatgtgata	ccgccc				386

<210> 1127

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(423)

<223> n = A,T,C or G

<400> 1127

aggcagctga	tacactaggc	atagagtgtt	tgacgacacg	agaaaagtgc	agcagcacct	60
cactcgatcc	tgctggcatt	ggctttcagc	tgcttcttaa	ctttgggtga	aacggcagct	120

gccaaccagt	cacactggct	ttttgtgaga	ccactaccat	tcccagagata	ctttotgatta	180
gccatgcact	ctgccatagc	ctcaggaggt	tggaactttc	agtacctgga	agaagagttt	240
ttacccaaag	aacagcttct	tcctttatga	tctggccagt	tgtcagtgga	ggaaggtggt	300
tgtccctca	ggtggctgaa	aggtaactac	ataattgata	agagtattag	gaataactat	360
agtcttgccc	ttcaaaactga	tcttgaacca	actgtgtaca	tactttgggg	cactaaggaa	420
aan						423

<210> 1128
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 1128						
cccacgatt	cgaattccgt	tgctgtcggg	ggaagactcg	gagtgcgatg	gcggcgcaaa	60
ttccaattgt	ggccaccact	tccactcccg	gaatagtccg	gaacagcaag	aagaggccgg	120
ccagcccttc	ccacaatggc	agcagcggcg	ggggctatgg	cgccagtaag	aagaaaaaag	180
cgtccgcttc	cagctttgcg	caggggtatca	gcatggaagc	catgagttag	aataaaatgg	240
tgcctctga	gttttagcaca	ggacctgtgg	aaaaagctgc	caaacctttg	ccatttaagg	300
atcccaactt	tgtgcactct	ggccacgggtg	gcgcagtagc	tggcaagaag	aacagaacct	360
ggaagaacct	gaaacaaatc	ctcgcttctg	aaagggcatt	ggccgtggca	acc	413

<210> 1129
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 1129						
aacccactg	taggagcact	cttgaagaaa	atctgcctta	ccatctttaa	caagagttta	60
aaaatacttt	ttttcttaaa	agttacttac	tgatccagcc	ctttataaga	agaaaaaccc	120
ttagtcccca	ttttctaaca	gtgaatttat	tagttttctt	taaagaaaac	aataataaaa	180
gaccagtc	aaatctat	tattcatcaa	gaatcttctc	ctattgagtt	gcttcattcc	240
attaagctta	aatcagccta	gactgaaaga	acctcagata	cttaagggtg	gttcattatg	300
ttctatagat	attctactta	tttataatga	ggc			333

<210> 1130
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 1130						
cgttgctgtc	ggtgactctc	tcttctagag	aagaggtttt	caataacagg	gotttggaat	60
gaacgtagaa	ggggaaatag	atcttttcag	atgctgcttt	cccatgtaat	acaagcgttt	120
ctacagggtg	ccagagggtg	gaaatatgtg	acacttaaga	acagtgattt	ttattgggaa	180
ttttcttagg	gttattacac	ttaaagcaac	aaccaactag	taacagctcc	aggaaagggg	240
aatgaatcaa	ctcttggttc	tttctgaag	acggcagtg	tgtggataag	tgagttttta	300
atgccttggc	agtggtctaca	tttgacactt	tagaaaaaat	aaacatattt	aataattttt	360
gtttctcctt	aggaataaga	ctgtagaact	gtttgtact	gtgaattacg	gatgctct	418

<210> 1131
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 1131						
caaatggttc	ttatttagga	aacacacaca	ttattacctt	agaaaatatt	tcattatatt	60
tgcaagctac	ataaaatagt	tcttgtatgt	gtataattta	ttttatccta	tcattctaga	120
aaggatttta	attgggtctt	atttttaatg	tatgtctatg	taatttcctt	acttataaaa	180

taaacttggt	tattatagga	tagtattaac	tgaacaaaag	gctgtataat	tttctgtaca	240
catatgaata	ttttctaact	catttttcatt	catctcaact	ttagaatgtc	tcatttttct	300
tgactaaaaa	actctcagag	ccaacagtta	tgccctccaa	aggaagcaat	gcaggtgata	360
ataagtgaaa	aaatgctgat	acagaccct				389

<210> 1132

<211> 422

<212> DNA

<213> Homo sapiens

<400> 1132

cggtgctgtc	gggcaactaa	acctgtcctc	ttgaattact	tcttcactgc	gctttctgag	60
gaaatgctga	ttggttactg	ctaaagattc	cactaacaat	tcaaattggg	gatcctttgtt	120
cccatggcat	gaaaatgcc	atgcccgcat	gcaaaaatgc	tgaaggctcg	aaagacagat	180
tggttttggtg	aaagtaaaga	gctctggtct	ggaagaaact	gtttccctaa	agcgtgttcg	240
ggtgtgattt	gtgtgggggg	ctgaaagcta	ctgcatgaat	cataacgggt	cattgaaatg	300
tatggacctt	ggtttaaatc	cagggacccg	gctcccaaac	acactcttga	aatgctgttg	360
aaaactgttt	tataaagcta	agaattgcac	ttcttgaggt	ataaaaacca	aacggaagtt	420
gg						422

<210> 1133

<211> 415

<212> DNA

<213> Homo sapiens

<400> 1133

ggcacgaggc	tgcagccgct	ggccccgaaa	tgctgctcgg	gcgagcaggg	gtcaggcggg	60
aaaagaagac	tccaaatcca	ttctctgctc	gccccaggg	caatgctgcc	aggagagggg	120
gtgggttccc	ccgcaggcta	tcccccgat	ggggctgaga	gcttaatttg	gggttttatt	180
tgaattggag	acattgttcc	ctcttcgctc	ctctacccca	taaaattccc	tacaaatgca	240
aaaattcgag	atagaagaag	ccgtccctga	aagtaagttc	tgaaggattc	ctttcatgcg	300
gtgaaggaa	aacaacaata	ttcaacttca	ccttggtgtg	tgagggtcgt	cgtgttttaa	360
aacactatcc	ctgtagaaag	attagtgaaa	tgtattggaa	gaagtagtgg	aaacg	415

<210> 1134

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1134

ttgtctgtgg	gaatttcaac	agaaggtaat	acacaggcaa	actacacttg	aaggcaacat	60
ttctctctgg	ctttcccttt	ctacacagag	agatattcta	actgatttgc	aagggtgctt	120
ctcagttggc	cggaatgaga	tattttcaga	tgaaagccta	tgactctgtg	tcactttccc	180
ccttattttt	gaatctcatg	tcttagttct	gcaggcactg	ttatttttaa	ttattattat	240
tatgctgtgt	gccaaagctat	tccactttac	acagagttag	ttagagacct	gacaaatcca	300
ggccaacata	aagtctctggc	ttccagatca	gactactgtg	acaaagaaaa	aaaagaaatc	360
taccaaagtg	ccagctttta	gaaagctctt	a			391

<210> 1135

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1135

ttgtctctggg	gctttccatt	ttaaacctga	cctttctggc	tctgggtttt	tccatttttaa	60
acctgacctt	tctggttcca	ggtgaaggca	gagacagata	aaataggatt	attgtatgtc	120
agtatgtttt	caactatttc	tcttgaaact	tggaaacgta	ttagaccatg	tgggatacca	180

cgcgggacggg	aacgggggat	aaatgtgtgt	tcatatatac	tcctccacaa	atatacatgt	240
ctcaggctgg	gcgcagtggc	tcacgcctgt	aattccagca	ctttgggagg	ccaaggccgg	300
cagatcactt	gaggtcagga	gtttgtgacc	agcctggcca	acatggtgaa	accctatctt	360
tactaaaaat	acaaaaatga	gccgggcgtg	g			391

<210> 1136
 <211> 432
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(432)
 <223> n = A,T,C or G

<400> 1136						
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atgtgacttg	tttttctcct	cctttgcctt	tctctttgga	ggcctgtagg	attttctttt	120
tgccctctgg	gttctataat	ttcacagtga	tgttgtgggg	tggaaatctt	tctcattttt	180
tgagctgtgt	ctttgcttat	cttttttcca	tttgggtaac	aatctatatg	ttttgttggg	240
agatcaaaca	aatatcagta	tctgcatgtt	ttatctcttg	ggccaattgg	ttttcttaga	300
gaagaacctc	ataatctgct	cagggagtta	gtttaagacc	agcatcattg	tgggagccca	360
gtggtggaag	caggaatgat	gtcctcacca	tttgggtgtac	aggttctcac	ataatgcctc	420
tgttctcagt	cn					432

<210> 1137
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 1137						
gtgatcaaaa	gaaatcccca	gtaattctga	aggccgcgta	aacagcgaac	gaaaggagag	60
agggaaaaatg	atcccggccg	cctggaagcg	agaggcagcc	acagacacac	tgttccggaa	120
accgcaggat	gtaactgggg	agtcctggag	agtgactaga	accggaaagg	gggcagacgc	180
tttgagggag	gcaggcgggg	gaacaaaacgg	ggtgcagcca	gcaggctggg	ccgaggttcc	240
gggggacatt	tgtcctgggt	gttgaagcaa	gctggctcct	ggccgcttac	ctagtatcct	300
gtgaactctc	acatggcatc	gtcaggaacg	aagcgcagcc	attcagtcaa	agcggccggc	360
tggagaggga	acaagcaggt	gcagctg				387

<210> 1138
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 1138						
cgttgctgtc	gcagagacag	ctccgtccct	agtggagcgc	aggggaggga	gaagtcatga	60
caggcgagggt	gggttctgag	gttcacctag	aatcaatga	cccaaacgtc	atttcacaag	120
aggaagcaga	tagtccttca	gatagtggac	agggcagcta	tgaacaatt	ggacccttga	180
gtgaaggaga	ttcagatgaa	gagatatttg	taagtaagaa	gttgaaaaac	aggaaggttc	240
tacaagacag	tgattccgaa	acagaggaca	caaatgcctc	tccagagaaa	actacctatg	300
acagtgccga	ggaggaaaat	aaagagaatt	tatatgctgg	gaaaaataca	aaaatcaaaa	360
ggatttacia	aactgtggca	gacagtgatg	aaagttacat	ggaaaagtct	ttgtatcacg	420
a						421

<210> 1139
 <211> 422
 <212> DNA

<213> Homo sapiens

<400> 1139

cgttgctgtc	gggagacggc	gggagccgct	gctctccggc	tgagggaatc	agagacagct	60
ccgtccctag	tggagcgcag	gggaggcaga	agtcacgaca	ggcgagggtg	gttctgaggt	120
tcacctagaa	atcaatgacc	caaacgtcat	ttcacaagag	gaagcagata	gtccttcaga	180
tagtggacag	ggcagctatg	aaacaattgg	acccttgagt	gaaggagatt	cagatgaaga	240
gatatttgta	agtaagaagt	tgaaaaacag	gaaggttcta	caagacagtg	attccgaaac	300
agaggacaca	aatgcctctc	cagagaaaac	tacctatgac	agtgccgagg	aggaaaataa	360
agagaattta	tatgctggga	aaaatacaaa	aatcaaaagg	atttacaata	ctgtggcaga	420
ca						422

<210> 1140

<211> 419

<212> DNA

<213> Homo sapiens

<400> 1140

cgttggtggc	ggctgcggcc	ggtttgccc	ttctttgtag	gagagtttca	tccgccctga	60
aatggtgccg	agcgtaata	actcctcagg	tccctgcctg	cacagggttt	tttcttaatt	120
tgttgcttaa	gagtacacca	aatgtgacat	cctttcacca	atatagatta	cttcatacca	180
cattgtcaag	gaaaggacta	gaagaatttt	ttgatgacct	aaaaaactgg	gggcaagaaa	240
aagtaaaatc	tggagcagca	tggacctgtc	agcaactaag	gaacaaaagt	aatgaagatt	300
tacacaaaact	ttggtatgtc	ttactgaaag	aaagaaacat	gcttctaacc	ctagagcagg	360
aggccaagcg	gcagagattg	ccaatgccaa	gtccagagcg	gttagataag	gtagtagag	419

<210> 1141

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1141

cgttgctgtc	ggccgggttg	gcccttcttt	gtaggagagt	ttcatccgcc	ctgaaatctt	60
cccgagcggg	gtaactcctc	aggtccctgc	ctgcacaggg	tttttttctt	agtttggtgc	120
ctaagagtac	accaaagtgt	acatcctttc	accaatatag	attacttcat	accacattgt	180
caaggaaagg	actagaagaa	ttttttgatg	acccaaaaaa	ctggggggcaa	gaaaaagtaa	240
aatctggagc	agcatggacc	tgctagcaac	taaggaaaca	aagtaatgaa	gatttacaca	300
aactttggta	tgtcttactg	aaagaaagaa	acatgcttct	aaccctagag	caggaggcca	360
agcggcagag	attgccaatg	ccaagtccag	agcggttaga	taaggtagta	gattcca	417

<210> 1142

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1142

atatccctca	ttcgaagggtg	gnnggggtnc	anaacaaccc	ctttcatgtt	ggaaaggaag	60
ctcatcaaac	gagctctggg	aaagggggca	ttattcacag	agagaaacga	cagcatcgta	120
aacgtgataa	ggtgctgact	gattctgggt	cattggattc	aactatccct	gggatacaaa	180
ataccatcac	agttaccacc	gagcaactta	caaccgcac	atttctctgt	ggttccaaga	240
aaaataaagg	tgattctcat	ctaaatgttc	aagttagcaa	ctttaaatct	ggaaaaggag	300
attctacact	tcagggtttct	tcaggattga	atgaaaacct	cactgtcaat	ggaggaggct	360

ggaatgaaaa gtctgtaaaa ctctcctcac agatcagtgc aggtgaggag aagtggaaact 420
ccgtttcan 429

<210> 1143
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 1143
tcgattcgaa ttccgttgct gtcggcagct gcctgaggac ccagggaag gcagcagctc 60
cgtggagttt gacatggtca agctggtgga ctccatgggc tgggagctgg cctctgtgcg 120
gcgggctctc tgccagctgc agtgggacca cgagcccagg acaggtgtgc ggcgtgggac 180
aggggtgctt gtggagttca gtgagctggc cttccacctt cgcagcccgg gggacctgac 240
cgctgaggag aaggaccaga tatgtgactt cctctatggc cgtgtgcagg cccgggagcg 300
ccaggccctg gcccgctctgc gcagaacctt ccaggccttt cacagcgtag ccttccccag 360
ctgcggggccc tgcctggagc ancaggatga ggagcgcagc accagggtca aggacctgct 420
cgggcggtac tttgg 435

<210> 1144
<211> 425
<212> DNA
<213> Homo sapiens

<400> 1144
cgattcgaat tccgttgctg tcggcagctgc aaaacagttc acgccatgat ggaaaggaag 60
ttgatgaagg agcctgggaa actaaaatta gtcacagaga gaaacgacag cagcgtaaac 120
gtgataaggt gctgactgat tctgggttcat tggattcaac tatccctggg atagaaaata 180
ccatcacagt taccaccgag caacttacaa ccgcatcatt tcctgttggg tccaagaaga 240
ataaagggtga ttctcatcta aatgttcaag ttagcaactt taaatctgga aaaggagatt 300
ctacacttca ggtttcttca ggattgaatg aaaacctcac tgtcaatgga ggaggctgga 360
atgaaaagtc tgtaaaactc tcctcacaga tcagtgcagg tgaggagaag tggaactccg 420
tttca 425

<210> 1145
<211> 397
<212> DNA
<213> Homo sapiens

<400> 1145
cgttgtgtgc ggttcaggtc actgattggt tggaaagcct gataaactgc cacggccacg 60
aggagtctaa ggacacatcc aatttccatt cgcattccaaa atggaatccg agacagaaag 120
aggaccttag ccttcatatc tgtttttttc ttatgaagct tcttctgggt ggaaacttgt 180
caaatttcat caggtaaaga gtgctaaagt gaacctgtaa actttgtttc aaaaaacaaa 240
aaccgaagtt taagaaatct aaagatggtg tcagccttag acagatctct ggactgtaat 300
ctgggaaagg tcaaataaga tctccaatcg tgtacaattc caaatcatt tgagagcagt 360
gggtctgaaa atgtggttcc cagaccagca gcatcaa 397

<210> 1146
<211> 391
<212> DNA
<213> Homo sapiens

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<400> 1146
cgttgctgtc gatcattttca tggaaatata ttttcttcac atttggggccc caacagcaca      60
ggtgttgcta tattttttgtg gtgaggaact gagaccagg gaagtcacgg tactttgccc      120
aaagtcaccc cgatgtcaag cgttagagca agaatttgaa cccagagct taactcttaa      180
ccattttgct aactggctgt ctctccaggc ccccatcacc ctttccatca ccctcccctg      240
ccccaggggc atcctatcaa atggcagttc cccctcgcgt tgcctcagca tctccaattt      300
agagcttcat ggatctcctc ctggtgaagt catgggatgg atttcccatc tcagaaactg      360
cacaagaaac aaccttggag ttttgaacaa g                                391

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```

<210> 1147
<211> 396
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

```

```

<400> 1147
ggcacgaggg ctgctccagc agcttggatt cagagtgaga aggcataaag gagaatgccc      60
agctgacttg tgcagtgggt aattgaaatt attcaggcaa gagatgatgg tgtcttggac      120
caggggatga ggaaggctac aaaatgtgtc tacctgtatt ctgtgaggag aacgtgttcc      180
ctggttttag atactgtgaa gatggatcag gagagagttt atctagactg ttggggaaag      240
gtggttgcgat tccttcagct acacaggatt gaaaggagac atttctgaag gggaaaaagg      300
aaatgaaaga aaagatgttt cagattgagg atatgctgtg tggatgaactt gttcttcact      360
ctgttagggg tcacaaatga ctcttcactg ccctcn                                396

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```

<210> 1148
<211> 401
<212> DNA
<213> Homo sapiens

```

```

<400> 1148
ggcacgaggg acattgaagc aacactcagc gttgcctagc gttaaaggca ctgcagagaa      60
atgaggtgca gaggtggccc ctctgagtat ttatttgact cagggtaccag tggtagatat      120
atacagtgta attatgacca ggctggtaaa attggctgct cgcaaacaaat cccctttttt      180
cctggcagta tttggaattt atcatttatt aataactata cattttttaa ggcagaagaa      240
gaaaatctat ctatcatcta tctatctatc tatctatcta tctatctatc tatctatcta      300
tctatctaaa tgacctgaca gaagaaaact gttaaaaatg gatattattg gaggggattt      360
aaaacagtgg gtgtgaatta tcattctgat ggaaagaaaa t                                401

```

```

<210> 1149
<211> 394
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

```

```

<400> 1149
cgttgctgtc ggtataagag cttttcaaga tatttctcga tttctgtaag cactggataa      60
ttaattcaag accctcccac tttctttgta ggaatagatg aggcaataat tttatgacta      120
taactgaatt ttttcacaca agaccttgag atttggtaga aaataggatc tgtttgatct      180
gcttgccctc gctcccaaaa gtgctgggat tacaggcgtg agccaccacg cctggccctt      240

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ttactgttct	ataaaataag	aagaataaaa	ggggtatttg	aggtacatgc	atttgaagtt	300
cttagaatga	gacctagcat	gtaggaaaca	ctcattgtta	gttgctcctg	ctattaatag	360
tagtaaatag	gtcaacatga	ctcagttaac	attn			394

<210> 1150
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 1150						
atacacttcg	tcattttttt	ttctctgaca	gactcagcaa	gaccaattat	attatctaag	60
aactaaccaa	ggaggtgtat	agtttagaag	agtcaagaaa	aacaggtaaa	atatagcaaa	120
tatgtaaaac	aaaagaaaag	ccactaaaat	gcaaatttct	gcctaagtat	tatatgttat	180
atgctagaga	acacagataa	tcatttgacc	aagtaggaag	gaaaacaaga	aaatgaaaaa	240
agtggaaaga	agagaaagtt	tgtaaatgaa	aaaagtttca	aatgctgagt	ttctaaagaa	300
ctgagaaaaa	aaattagaaa	cagtgattac	taaagaggat	aaaatttttt	ataaaccatg	360
acattttgca						370

<210> 1151
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 1151						
agttcttaat	ttttaaat	gaagtcaggt	tttagcatct	ttaagtttat	tggtctgttt	60
ataaatgtat	tattttccct	gtgaaactcc	tatttgaatc	ttttataccc	ccaccccctg	120
tcctttttcc	ccttgatct	ttttaaaaaa	ttgatttata	aaagcacttg	tgaggctgag	180
gtgagtggag	cacttgaggt	caggagtct	agaccagcct	ggccaacatg	gtgaaacccc	240
atccctacga	aaaatacaaa	agtttagctgg	gtattgtgga	gtgcgcctgt	aatcccagct	300
acttgtgaga	ctgaagtggag	acaattgctt	gagcccggga	ggcagaggtt	gcaaagaact	360
cttattgcac	tccag					375

<210> 1152
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 1152						
tttcatttcc	tgtgtggaaa	acaattaagc	ttataatttt	gcgttttaca	gaaacagaat	60
cacttaactt	ctgaaaggag	aaattaatcc	taattaaatg	aggetgcttt	tttaaatcc	120
agatattata	tactggattg	ctttggagaa	aattttgttt	tataccagta	cctaaatagc	180
ttttaagagt	tcaggttaac	ctatgctgag	gaaattaata	gcaaaaagaa	aaggccacaa	240
tcaagacgga	aaggatttaa	gttttattaa	tgattattaa	gtgcattatt	tatagtagaa	300
tccccaacat	atgctcacga	aaataaacca	gttctaataa	atacatgata	aagatcacia	360
aattagaaga	g					371

<210> 1153
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 1153

gatatatgta	tttatgtcta	aaaatgggtga	cctttaattt	taattggggg	gttggaaga	60
gacagttgaa	cttaaacaca	cataaattat	tcacttctca	tcctattact	tatcctatcc	120
accttaggtg	aagagtaagc	gtaagtattt	ttttcttana	tgctaagcac	tggatgaaag	180
tcctctgaca	atcacaacac	tatttgtcaa	tacagtagta	aacatttgtt	tcagatttaa	240
aaaagtcatt	tatttccctt	gcttataaaa	taggagtcaa	gagttatctg	gctgtact	298

<210> 1154

<211> 381

<212> DNA

<213> Homo sapiens

<400> 1154

ttctagagca	cgcaacctag	atccctcaca	tgtgcagttc	acaatagggt	tcacactcct	60
atgacaacct	aatgctgccg	ctgatctcac	aggaggcgga	actcaggtgg	gtaatgctcg	120
ctggcccacc	gttcgcatcc	tgttgcacag	tcaggttcct	aacaggccac	ggaccagctg	180
aggaccctcg	ctctagagaa	tcgccaatg	tgagggtggg	catgaaagt	tcaaacaggt	240
gttaaaggca	aagtgatata	aaagaatcat	cactgcagtt	ttaaagagtc	ctataaggaa	300
gaactctcat	ctttttctct	tgatcaaatt	cactttcaga	caaagaaac	atgcatatag	360
aatttaagca	gaatactgtg	a				381

<210> 1155

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1155

cgttgctgtc	gagcgaatca	cctgaggtca	ggagttcgag	accaacctgg	ccaacatggt	60
gaaaccctgt	ctctactaaa	aatacagaaa	ttagccgggc	atgatggtgg	gcatctgtag	120
tcccatctac	ttgggaggtc	gaggcaggag	aagagcttga	acccgggaag	cagagggtgc	180
agtgagccaa	gatcgcgcca	ccgcactcca	gcctgggcga	caaagcgaga	ctctgtcccc	240
ctcccaaaaa	aaaaactggc	atgtttcatt	tattagatgt	ttatTTTTTc	aacttcgctt	300
tttagaagtc	atntagttag	ggtcattcta	aagggtgaag	tattgagatt	taatacagag	360
aagtctctga	aaatgtttgg	gccattgtat	atta			394

<210> 1156

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1156

agccctactc	ctgggggtggg	agggggctgt	aaatgggaat	taaagtgttc	aaatgagact	60
aaccgtaggg	gtgaagaagg	tgtgagaaaag	gaaaccagag	cttggcttac	tgcttaaagt	120
caggaagcga	aactagctag	tcttccctat	aaagatagct	taaagcaaaa	caaaactagc	180
acaaatatat	tgctagccac	catggccaat	aactgaatta	ggccagttat	tggttcagtg	240
gatacatctg	tgagatcctt	aatattgctg	aagaacagaa	gcacagaaac	caccagagaa	300
gacttatgta	agaatgggga	tagaggttta	aatcccatgg	gtggcaggca	gcaggcactc	360
acaaacacac	acg					373

<210> 1157

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1157

gcctcaagca	gtcctcctgc	cttgacctcc	aaaagtgtctg	ggattacaag	catcagccac	60
tacacctagc	caaaatcttc	atTTtagtac	gatccaaggg	tagtttgtat	gatatatcca	120
ttaaagtttg	agatacactt	gtctataatt	ttcctcaaat	catgaaatga	aactgaccac	180

aaaattttca	aaaccactga	gaaaattttt	ttcaatgtgt	gatctagaat	agcttacacg	240
gcagttctaa	ttatttttgt	tgtttacact	attttaaaga	aaagttcggc	cgggcacagt	300
ggctcacgcc	tgtaatccca	gcactttggg	aggctgaggc	gggtggatca	cgaggtcagg	360
agatcgaga						369

<210> 1158
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 1158						
ccacccagag	ctgggtgtcta	catccttcag	ccctgacttc	cacgggtgcc	actagcccca	60
gaaaacgcga	cgcgctcag	gttgaaatcc	tcctcctctg	aaatctatga	gcctccgccc	120
ccttctcaga	gacgttccaa	gcctccactg	gccccttcac	cctctcgttt	aagggcacca	180
cattctggcc	cggcgcggtg	gctcaccctt	gtaatcccag	cactttggga	ggccg	235

<210> 1159
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1159						
aaaatggaga	caggcacact	agcttcctca	cagtagtagc	tgtaaaattt	acgtgaagta	60
acttatgcta	actcatggca	taatacttgg	catatagtat	acaatgacta	attttaacta	120
ctactattat	aaatatcttt	attttatttt	tttgagacag	aatgggtgctc	tgtccctctg	180
tcgccgagat	ctgtagtgc	cccatctctt	gctttgagtg	gggcgtccca	agaattatag	240
gaacagggct	gatgggcatt	tcagccacaa	caatgtcctt	gacaacaaaa	aaaagatcgt	300
gcttcaacaa	cagaaatgca	atgtttcttt	tatcactttt	cagtgtgatc	acagtcattg	360
gcgctctgga	ttgcatgg					378

<210> 1160
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 1160						
cgttgctgtc	gggaaaagag	gcctgtttgt	caattgtaca	accgattgtg	aagctctagt	60
gtgaatattt	ttacgtctgt	attagacatt	ttctttgcaa	atctattgtt	cgattgaaat	120
gtaaatgaaa	ttaaagatgg	tgtacaccca	tcattgtaaa	agcaggcacc	atctctaaga	180
tggatttaat	gctcattttt	aaggcatata	ctcagcttct	atttaaaact	ataatttaaa	240
ataattctgt	acaatgaaat	ggggaatata	tatgggaata	aattctattc	catttatttc	300
aatttgaatt	tccaaattgt	aatgtttccc	tttgtgctat	aggaatagga	ttaaatgggg	360
gaagactagg	atttataagg	cctgtatatg	gggggagggc	agag		404

<210> 1161
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1161						
cgttgctgtc	ggttgaagat	atgaaatatg	gctattttta	atggtgacaa	ttatgacttt	60
tagtcactat	taaattgggg	ttacctatat	cagtacaatt	tgtagtgtgt	tccaggtttg	120
gctaataatc	attccttaac	ctagaattca	gatgacctg	gaattaaggc	aggtcagagg	180
actgtaatga	tagaattaaa	ttagtgtcac	taaaaactgt	cccaaagtgc	tgcttcctaa	240
taggaattca	ttaacctaaa	acaagatgtt	actattatat	cgatagacta	tgaatgctat	300
ttctagaaaa	agtctagtgc	caaatttgtc	ttattaaata	aaaacaatgt	aggagcagct	360
tttcttctag	tttgatgtca	tttaagaatt	actaacacag	tg		402

<210> 1162
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1162
 cggttgctgtc ggtcttgctg taagagaaga acaactgatt tttctgattt ctttaagcatt 60
 gtaggctggt caaatggtag acataatagt gagaagccac ctgagccagt caaacctgaa 120
 gtcaagacta ctgagaagaa ggagctatgt gaattaaaac ccaaatttca ggaacacatc 180
 attcaagccc ctaagccagt agaagcaata tgaagaccaa gcccagatga accaatgacg 240
 aatttggaat taaaaatatac tggctcccta aaacaagcac ttgataaact taaactgtca 300
 tcagggaatg aggaaaataa gaaagaagaa gacaatgatg aaattaagat tgggacctcc 360
 tgtaagaatg gaggggtgttc aaagacatac cagggtctag 400

<210> 1163
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1163
 ggcacgaggc cgcacttctg cctgctgttt gcatttctcc tggactaagc tgctcttggt 60
 aatcacatgg atgttggcac agctgatgca cttgtccttc attactgtgg attatggaat 120
 ttattggcat tggggagcaa caagggtgaga gcccttgaag atgactcaag aattcagcct 180
 ggctcctgac taggaggatg gtgattctaa taatgaagag aatggggaag aagatggagt 240
 tttgtgaaag agaggaaatt gtgattgggt aaggcatctg agccagcctg gctgtcaagt 300
 atgagaaatg aggacatgat ttctggaaac agcatcccaa agatgccgtt tgcaggggaa 360
 cctctactca gcacaaagca tttgagaagg gctggttact tg 402

<210> 1164
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1164
 ggattaggat cagaatgggt ttgtgcttct caacagccaa attagaattt agaaacaata 60
 gagctatagg ccttcaaatt ctaaggagga atgatcgcca acctaacatt tgatacttgt 120
 tcacagaatc aaatggatgt gacacgggaa taaagacatt gatagatata cacattctca 180
 aaaccatttc cttcccacat acctcttctt aggaagtgtgac tggacgatga gttccatgaa 240
 aataaggat aaacaacgaa agatgaaaag atacggtata ggaaactggg agcaaatgga 300
 attatcataa ccttgaaggg agaccccccc aggacagtgt ggggtccata taataagggg 360
 ttgggcctcc gtc 373

<210> 1165
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1165
 ggcacgagga gaacttggtt cataaatgga tatccctact atgactgtga aaacatgtca 60
 agtgtcacat tagtgtcaca gacagaaagc acacacctat gcaatatggc ttatctatat 120
 ttatttgtaa aaatccaagc atagttttaa atatgatgtc gatattacta gtcttgagtt 180
 tctaagaggg ttctttatgt tataccaggt aagtgtataa aagagattaa gtgctttttt 240
 ttcatacctt gattattttt tttaaaatca gctattacag gatatttttt tatttttatac 300
 atgctgtttt ttaattaaaa tataatcact ggaagttact aatttgattt tataagggtt 360
 ggagcattac agaataacta aactgggatt tataaag 397

<210> 1166
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 1166
 atctcttcca agtatctttc aatcataatt acctattata ttcaagacac tgtgctaagt 60
 actgtacaca gcatttccta accagtgtcc caggcagggc ttggccagct agagtcctag 120
 accactagtc tcagtctgga ccatttcccg cagtgtgctt caaagattcc gtgtgtgtgc 180
 catgatatga aaaaagtacc tgccctcaaa gaacttaciaa tccagtataa agaataagta 240
 cccaaatcac tgtaataaaa ggtagtataa ggccggggcg agtggctcac acctgtaact 300
 cagtactttg agaggccaag acaggcagat cacctgaggt caggagtgtg aaaacatcct 360
 ggccagc 367

<210> 1167
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 1167
 cggttgctgtc gggttcatttg ctttagtctt agcgctttta agaagtgtca taatgttcta 60
 caaagacaca aagcttcagg cttatacaaa actgagtatg attagaaata cctgagccca 120
 gaaatgattc tgagaaaaga gaataatttg aagacactta ttttaaagta attatggtta 180
 gaaatgaatt aatttaaaca tgtgttcaca tatccctttc tctaacagtt taacctagac 240
 aaacatctgt atcagtattt ttttattccc ctgattgatt acatttgggt tctttattct 300
 gagaggagaa taacaaaaac ttcagaaatt cctaagggtg taataagaaa gtgggttttg 360
 agtttccttt cctggaatta ttttacagtt ctttgggtggg tctcgtcag 409

<210> 1168
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 1168
 cggttgctgtc gatggattta aacattatag ctggagtggg gctggaaatc tttgtaaagg 60
 aagttctttc agtaagatgc cctgcttgt ctttgtctct tttttgttta acaaggtaac 120
 tttttgttta acaaggtaac tttttgttta acctagattt tttttaaaac tttttttttt 180
 tttcttatgg aaaaagtatt tctttttcag taaaggaaac ctgcccaaac caaacccaaa 240
 attaaaaaat taaaaatatt ctctatccct actacctaaa aaaaaaccct tttaatattt 300
 gggccgggtc cctgccaaag gggttttttg gaatacagga gaatttgggt gggtttttaa 360
 caaacaagg ggaacattct gaacatactg gcttatagta gggcg 405

<210> 1169
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 1169
 cacattccgt tgctgtccaa aagttgtaca aaaagtgatt tcatatttgg tttataagca 60
 tttatatgtg ggggttattt ggtcttttgc tttttccatc ttaaataatca tcatggctaa 120
 aacttaaggg tatttatagt ttaattccat ttcagtttta tagagggcag taattattct 180
 gatgaatgtt gaattaagaa atggatattt tctttctctg ttgtgcagnt attggtagat 240

caattttctta	taaccacaa	tgtagcatca	ataattgata	gcatgtat	tatttaatta	300
cttgaattat	ttagacttga	tttctcta	ttttccata	aaaggactga	acagcaccta	360
cttgtggtct	ggacagctta	acccaaagt	cctggaagaa	taan		404

<210> 1170

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1170

cggtgctg	gtgaagactg	gatatcaa	atctgttt	agcatcct	agtctgcaca	60
tggtaaata	aacttggtg	cttagctct	cagaccacag	ccctaatt	cattttcttg	120
tctttatcat	attagaacta	ctaagcagat	ttccaaaaac	aatccatgag	atgaagttag	180
agggatagaa	ggaggacaat	ctgaaaaata	tgaagtgtatt	aaaaaacatt	gttctagcta	240
gttgctcaca	ttcaaaaaaa	atgttaaaac	ccaattagaa	acaaaagtca	tagaaaatgt	300
gagcatattg	tgttccttaa	ataaccagat	gttctttcct	tcctgaaggc	agtaagggt	360
aggaaaaaag	gtttaaaact	attgttttaa	gttaacggtg	ag		402

<210> 1171

<211> 398

<212> DNA

<213> Homo sapiens

<400> 1171

gcacgagggc	atgtgtttaa	tttatactgg	ttacttattt	acgggggagg	ggacatgaag	60
gtaggtaaat	aggtaggcct	ctaattgaac	cacctctcta	agttatgtac	gtatatataa	120
gctgaaattg	tgtttgacat	tctgagggtt	ttctttttct	ttttcctttt	tttttttttg	180
ggggggggcc	gggggggaaa	actttttttt	taaccccggt	ctgaataccc	acgctaataa	240
tcaaataata	atgagccctc	gccttttgaa	ataaaggaga	ttccccggcc	aaactttttg	300
gagaactgga	aaaaaaagg	ccccccaccc	accccttat	atgttggttt	taaagaagag	360
ggaagtttcc	cctttgaggc	ccaggccggt	cttaaccg			398

<210> 1172

<211> 400

<212> DNA

<213> Homo sapiens

<400> 1172

tcccactcga	ttcgaattcc	gttgctgccc	atgtggcttt	tatttgact	gtcatatcc	60
actgtacagc	cacttgggag	tatcgtgcgt	agcttgacgc	aactgctgac	tgcatattata	120
ctgggtattg	catattcctt	tccttgggaag	cgaaagagaa	atgtttttct	tggtgcattg	180
attacatttt	ataaatttgc	ttaactggaa	agtttgggaa	aagaagcctg	tttgtcaatt	240
gtacaaccga	ttgtgaagct	ctagtgtgaa	tatttttacg	tctgtattaa	acattttcct	300
tgcaaatcta	ttgttcgatt	gaaatgtaa	tgaaattaaa	gatgggtgtac	acccatcatg	360
taaaagcag	gcaccatctc	ttagatggat	ttaacgctcc			400

<210> 1173

<211> 397

<212> DNA

<213> Homo sapiens

<400> 1173

cggtgctg	ggtcttgctg	taagagaata	acaactgatt	tttctgactt	cttaagcatt	60
gtaggctgtt	caaaaggtag	acataatagt	gagaagccac	ctgagccagt	ccaacctgaa	120
gtcatggact	actgagaaga	aggagctatg	tgaattaaaa	cccaaatttc	aggaacacat	180
gattcaagcc	cctaagccag	tcaaagcaat	atgaagaccg	agcccagatg	aaccaatgac	240
aaatttggaa	ttaaaaatat	ctgcctccct	aaaacaagca	cttgataaac	ttagactgtc	300

atcaggggaat	gaagatcata	agaaagaaga	agaccatgat	gaagttaaga	ttggggacctc	360
atgtaagaat	ggtgggtgtg	caaagacata	ccagggg			397

<210> 1174
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1174						
tactcatata	atcttcatta	caaccatctt	agtaacctgt	agttacaaga	aaaacaaaaa	60
tgtaagtgtg	taggaatcat	attctccaaa	ttattttaca	ttaaagacca	ctgacaaagg	120
aactactaga	gatgttattc	cactatcacc	aaatagtata	ttgttaccat	ctgttaacct	180
acaaccttgg	gtaagatggg	ataagttaac	atcagttgca	acatacacat	tcaatgtaaa	240
atagctttta	cacaataaca	actattttgg	tttattgaaa	caagttcaca	cattgtcatt	300
aaaaaggcat	tttgaattca	ctgtattttt	attaccttaa	ttctgttgaa	catgggaaag	360
agcctggtc						369

<210> 1175
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 1175						
tcgaattccg	ttgctgtcgg	tctccttgaa	aagttgatgg	tcctgcagcc	gcacaggcag	60
ttgtgggcat	ggtgggcgct	gagctcggag	gttgttcaag	gccagcagcg	ttgcccggag	120
ccctgctgct	gacgctgccg	tcactgggtc	tagctctcac	attctcagct	gcacgtttct	180
gtttccacct	cagtaaacgc	aaactcttgt	tcataggcac	agctgtcact	gcagcacaca	240
aggactcagg	tttgtaaaga	caaacgattg	atgtgtgtgt	gacgtgctgc	ttgtttgcac	300
tggattttgc	aaattattta	ctaaagaaaa	gtacttcaga	ccttttgtgg	cagacaataa	360
atacagcgat	actctaactc	tcagtattca	taaaaatggg	tgaag		405

<210> 1176
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1176						
tcccatcgat	tcgtttgaca	tagagtgaat	gcattttccc	ctctcctcct	ccctgctacc	60
atttatattt	ggggttatgt	tttgcttctt	taagatagaa	atcccagttc	tctaatttgg	120
ttttcttctt	tgggaaacca	aacatacaaa	tgaatcagta	tcaattaggg	cctggggtag	180
agagacagaa	acttgagaga	agagaagtta	gtgattccct	ctctttctag	tttggttaga	240
atcacccctga	agacctagtc	ctcaatttaa	ttgtgtgggt	ttttaatttt	cctagaatga	300
agggactgaa	acaatgagaa	agaatacagc	acaacccttg	gacaaaatgg	aattagaaaa	360
tatatattag	tttatagcag	aagcaagttc	aattgggttg	ttggaaag		408

<210> 1177
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1177						
aggcccagag	tcgggggaag	ttttgtgaga	gaagccacat	tagagaccag	aggagaagta	60
ccaattttgg	atgaccttct	accaaagacc	tcaccgattt	caaggacagc	tcagctgttc	120
ctatcctctt	tccttcattg	cactgttttc	tgtttatatt	tatatatata	tttgtaatta	180
cttgactaat	atctgcacac	attgcctgct	ctaagctcct	cagcatcagt	cttttttata	240
attttgtccc	acagtgtttg	acaagcaata	gttactcaat	aaatatcatt	tgaatgaatg	300
aatgaaccag	taaacgaagt	gacatttgaa	tatgcaagaa	acccctaagt	ttgagaatcc	360

tggttgccag

369

<210> 1178

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1178

gacagatagg	agaaagctat	catatattat	gttctgtaga	atgcttcttt	tggtggcattc	60
agaagaaatg	acccatgttt	gaagatctga	atttaattaa	gtctacacag	aatatagttt	120
aaaggcgtga	agactttgct	attagtataa	taaatacttt	ttcttaagac	attgtttatc	180
tacagaagga	ctaccatatt	caagatttaa	aggtagattg	tttttgttca	catcattttg	240
atcttaggtt	ttgctggaag	cattcacatt	aagggggcct	ttaatttatg	tatgctttta	300
gaatacttaa	tagctaattc	acataattaa	aaaaaaaaa	ccggcctagg	ctcgggtggct	360
taa						363

<210> 1179

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1179

gaggattgta	acagggaaag	catttagggg	tttcaggcag	aggaacagtt	ggccaaggaa	60
gtcagcttct	cagagctcaa	gagtagatct	gagtttaact	cattaaagat	ggcatggaag	120
agcagtgtca	taatgcaaat	gggaagattt	cttctcttag	taattttatt	tctgccacgt	180
gagatgacaa	gttctgtttt	aactgtgaat	ggtaaaactg	agaactatat	cctggatact	240
acacctggct	cccaagcatc	tctgatatgt	gctgttcaaa	accacaccag	agaggaagaa	300
ctgctctggg	accgagagga	ggggagagtg	gatttgaaat	ctggaaacaa	aatcaattcc	360
c						361

<210> 1180

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1180

cacatgcaac	agaaaggcac	agttttatatt	caaacaaagc	agtgttttgc	tgtaacaccg	60
ttaaaaactg	gaaaggaaaa	ctcaatcaaa	ccaaaaacta	gatgcttagg	aataaatggg	120
agaattctta	caaaaccacc	acgcttcaat	tcaatctaaa	tcaattcaac	aaatctgtgc	180
tgaaagtata	acatttagtt	ttcttagaca	ccaaatgaac	aatacaaaat	ccctcaaggg	240
acttagaaca	ttcaagtttt	ctatatctgt	ggttctaaat	ctgttaccaa	cttccaggac	300
tctgcttctt	tccctctgcc	cattaacaat	gcgggggttaa	aagtgaacttc	ctaccactat	360
gtttctttac						369

<210> 1181

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = A,T,C or G

<400> 1181

ggcacgaggg	tggtgcagc	cgctggcccc	aaaatgctgc	tggggcgagc	aggggtcagg	60
cgggaaaaga	agactccaaa	tccactctct	gctcgccccc	agggcaatgc	tgccaggaga	120

gggagtgggt	tccccgcgag	gctatcccac	cgatggggct	gagagcttaa	tttggggttt	180
tatttgaatt	ggagacattg	ttccctcttc	gctcctctac	cccataaaat	tcctacaaa	240
tgcaaaaatt	cgagatagaa	gaagccgtcc	ctgaaagtaa	gttctgaagg	attcctttca	300
tgcggtgaag	gaacaacaac	aatattcaac	ttcaccttgg	tgtgtgaggg	tcgtcgtgtt	360
ttaaaacact	atccctgtag	aaagattagt	gaaatgtatt	ggaagan		407

<210> 1182

<211> 411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(411)

<223> n = A,T,C or G

<400> 1182

cgttgctgtc	ggaaaaaggt	ggggggacca	ggggaagact	cgagtgcgga	tggcggcgca	60
aattccaatt	gtggccacca	cttcactctc	cggaatagtc	cggaacagca	agaagaggcc	120
ggccagccct	tcccacaatg	gcagcagcgg	cgggggctat	ggcgccagta	agaagaaaaa	180
agcgtccgct	tccagctttg	cgcaggggat	cagcatggaa	gccatgagtg	agaataaaat	240
ggtgccctct	gagtttagca	caggacctgt	ggaaaaagct	gccaaacctt	tgccatttaa	300
ggatcccaac	tttgtgcact	ctggccacgg	tggcgcagta	gctggcaaga	agaacagaac	360
ctggaagaac	ctgaaacaaa	tcctcgcttc	tgaaggggca	ttgccgtggc	n	411

<210> 1183

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 1183

ggcacgaggg	tggctgcagc	cgctggcccc	aaaatgctgc	tcgggcgagc	aggggtcagg	60
cgggaaaaag	agactccaaa	tccactctct	gctcgcccc	agggcaatgc	tgccaggaga	120
gggagtgggt	tccccgcgag	gctatcccac	cgatggggct	gagagcttaa	tttggggttt	180
tatttgaatt	ggagacattg	ttccctcttc	gctcctctac	cccataaaat	tcctacaaa	240
tgcaaaaatt	cgagatagaa	gaagccgtcc	ctgaaagtaa	gttctgaagg	attcctttca	300
tgcggtgaag	gaacaacaac	aatattcaac	ttcaccttgg	tgtgtgaggg	tcgtcgtgtt	360
ttaaaacact	atccctgtag	aaagattagt	gaaatgtatt	ggan		404

<210> 1184

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1184

ggcacgagcc	ccagctgact	tgtgcagtg	ttaattgaaa	ttattcaggc	aagagatgat	60
ggtgtcttgg	accaggggat	gaggaaggct	acaaaatgtg	tctacctgta	ttctgtgagg	120
agaacgtgtt	ccctggtttt	agatactgtg	aagatggatc	aggagagagt	ttatctagac	180
tgttggggaa	aggtgttgcg	attccttcag	ctacacagga	ttgaaaggag	acatttctga	240
aggggaaaaa	ggaaatgaaa	gaaaagatgt	ttcagattga	ggatatgctg	tgtggtgaac	300
ttgttcttca	ctctgtaggg	ttcacaaatg	actcttcact	gccctcttgg	atgaaataaa	360
ctggttccca	tagaaatgga	ccgtctctga	tttcacagtc	taa		403

<210> 1185
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1185
 gcgttgccggt cgcaggatga ttctgaggat gactacgggtg aatttcttga tcttgggccc 60
 gctggggggt ctgaattcac taagccaagt ggccaaacag aaagagaacc caagcctgga 120
 ccgagtcata accaagcagc aaatgacatt gtcaacccca gatcagagca gaaagtcac 180
 atcttggaag aaggtagcct tctttacaca gaaagcgatc ctttggaac tcagaaccag 240
 tcatccgaag actcagagac agagctgtta tcaaactctag gagagtcagc tgctctagca 300
 gatgatcagg ccatcgaaga agactgctgg gtagatcacc cttacttcca gtctctgaac 360
 caacagcccc gtgaaataac aaaccagggtc gttt 394

<210> 1186
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 1186
 ttcttctcctt ctctctagca tcatattctc agaaattctt cctgtgttgc tccattccag 60
 ttcttataag tgattgttgc atgtgggttt gtctagattt atctgttttt ggtggaagag 120
 ttattttaat acaagctgca ctggaactga cttttgaatt gaaacctctt tccatgcttg 180
 gttcaaacca atccctatac gtaatgggta tgagcccaga gttggagcca gggctcctgaa 240
 ttcccacctc tgacactntc tggctcttaa tctctgacta tttgcttaac atctatgtgc 300
 ctccatttct atataacggt ttttacgggt tttattttatt aaacaaatgg ggatacccg 360
 acccgcgctg acacctgggtc aatcg 385

<210> 1187
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1187
 atttcccttg tgtttttctg taatttacag attttttttc ctcaagtgagc aagtattact 60
 tttataaacc gaaaaaaccc tgtatttttc atcgagtatt taattaactt atgaagaagg 120
 ttattcattg tggcattgtt tgagtataaa ataacgaagt ccaacaacag aagacgggtt 180
 aaataaatca tgttatgtcc atgctgtgaa aactatgcaa ctgttttaaa aaatgagaca 240
 catctatatg taccattatg gaagaatccc aaactataag gatccactga aaaacaaaag 300
 gaaaaaaaag atgaacaacc actttggaaa gcagtttggc atgatttact gaagtcaaag 360
 gtatg 365

<210> 1188
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 1188
 aagccctgtg gctgggtaaa aatacaaaat tagctgggcg tgggtggcaca tgcctataat 60
 cccagctact cgggaggctg agacaggaga atcacttgaa cccgggaggc agaggttgcg 120
 gtgagccaag atcacgccat tgcactccag cctgggcaac aagagcaaaa ctccatctca 180
 nattaaatgc gaggcaaata aaagaggggg gcgggttttt ctggaatgcc caggttgaaa 240
 aaaacttttt gggggcgcgcg gccaccccc cttgtttgtt gaggaaaaaa aagggttttc 300
 tttgacaatt gtgtggcccg tgagggtctt tggggccccc cctataaata atagccccta 360
 cc 362

<210> 1189
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 1189
 cctgccctcc tccacctgac accccaacc aggcctgggg ctcgggtgcct ccagctccaa 60
 gtcctcccct ctccaacagc cacttaaagg cctccctctg gctcttctca gagaagaaaa 120
 tcacaacaag gagagaggga ggaaaggcag tacttcaggg catggattca aatctgcatg 180
 taggagatgg aaaagcaagg tacgagatgg gcagagacac aggaagagca ggagatgtag 240
 ggtgtggcct tatcacttgc tgggaggtag ggggtgggaca actgagtgag gagctggctt 300
 atagagcaga ctgtggagtt tagtcctgat ggaggtttct gaaagagaca tgggggtggg 360
 ggggtgc 366

<210> 1190
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 1190
 ctgcggacct gtgaccggcg gacttggggc cctgatgtct ggattctttc tccgatactg 60
 agacacggcg cgtagggtcca caggcactat ccaactggaa gttgaattgt gagtgagagt 120
 gaacaggaac cttccggctt ccggaggggt gtgtggccag tgactcaaag tgagaaggcc 180
 ctgaaagtcg tcttacgtct catgcggcgc ctgcgccatg gtccttcttg tctgcctcg 240
 gtcataacta aggaggaacg agggccgagg agtgtaaggg ctcaactcgaa gcttgggtgc 300
 tgtttgcggg atccgaatcc cactagcacc tgggaacccc actgaagact ctgcactccc 360
 cacacggaac caggagaggt acgccatgac g 391

<210> 1191
 <211> 375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 1191
 ggaagaaaga gcttctctgca attcaaggac tgtacaaagc tgaaacgcag agattttcat 60
 attatttggg agactcagaa atgagctttt aagggtgttc cttgacttgc gggtcataag 120
 cgcacaatgg tgaagaaaaa gctgccttct agtgacacgg tgttcgggtt tgagactccg 180

ggcagcccaa	ggaaggccaa	cgtggaggcc	tcacgcagct	ccacagacag	ccccagctcg	240
gtgttcctca	gctcagaggc	tgagaatggg	gtggaggaga	aaaagaaagc	ctgcaggctcg	300
ccaacagccc	aatcccctac	cccatctgtg	gaggcggact	cctcagacca	gaagaanatc	360
attagcctat	ggtcn					375

<210> 1192

<211> 394

<212> DNA

<213> Homo sapiens

<400> 1192

cgttctgtgc	ggtcaccccc	ctcaggagcc	actcccaggg	ccctgtggcc	attcccagcc	60
tcctctgcag	gcaccgagtg	agcagcgctg	ggattctggg	actggagagg	gccctgggaa	120
ccctccaggc	ctgccccctg	gtgggtgagc	ctggttctgg	ggcctcccgg	agaatttttt	180
ttttcctgga	aaagagggag	ggtaggggtg	gagcgtgaca	cctgggcagg	tgtcccttgt	240
ctccatcctg	gccctgcatg	ctgttaactc	aggtgggtgtg	gctgcccag	cctgggcaca	300
gccaccgctt	ccaggtgctg	agtgtggcca	ccgacgggaa	ggtgctactc	tggcagggca	360
tcggggtagg	ccagctgcag	ctcacagagg	gctg			394

<210> 1193

<211> 395

<212> DNA

<213> Homo sapiens

<400> 1193

gagcatatta	tcaaggtaaa	atgcagcgtg	aatagtagct	gacaattttg	aaagctgtta	60
aagtccttca	ggcaagtttt	agaggagtaa	gagtttagacg	gactcttaga	aagatgcaga	120
ctgcagcaac	actcattcag	tcaaaactaca	gaagatacag	acagcaaaca	tactttaata	180
agttaaagaa	aataacaaaa	acagtacagc	aaagatactg	ggcaatgaaa	gaaagaaaca	240
tacaatttca	aaggtataac	aaactgaggg	attctgtaat	atacattcag	gctattttta	300
ggggaaagaa	agctagaaga	catttaaaaa	tgatgcatat	agccgcaact	ctcattcaga	360
ggagatttag	aactctaata	atgagaagaa	gattg			395

<210> 1194

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1194

cgattcgatg	ggtgggtccgg	catcctcagg	gggtgtgtgt	tgtgtggggg	gtctctgagc	60
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tcgtcctgct	gtggcctggg	ttgcatttcc	tcttgggggg	ggtattgagg	acccccagcc	180
tggaatgaga	aggggtcccc	gctccatgtc	agaaccacaga	aaggtggatc	ccccactgt	240
tgactgcatg	aagttttttg	tacccccctt	ttgggtccaga	acccgtctgc	ctttcccttg	300
gggacaaggg	ggccttttga	tggcactggg	tgtgacctgg	acccagcccc	gcgctggcat	360
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<210> 1195

<211> 362

<212> DNA

<213> Homo sapiens

<400> 1195

agatcagaat	aagagtctct	aggttatctg	ctcaacagaa	gctaagacca	ctctgatagt	60
cattataaca	gtttttcttt	agttacttcc	ataattagat	ttgttttttt	aaaaagcttc	120
cccccgctga	cttttcttta	aacatgggtt	taaaggatgt	gatcaattta	gtaatgagga	180
agttgttgaa	ggatgtctgg	ggttaagaag	ctgaaagctg	acagattcag	tgtaatccct	240

ttccccacag	gggctgctgg	agtcctctgc	agagaaggcc	cctgtgtcgg	tgtcctgtgg	300
agggtgagagc	cccctggatg	gtatctgcct	caacgaatca	gaacagacag	tcgcgctttt	360
ct						362

<210> 1196
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1196						
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cggaaaaacg	gttatttttc	tccctatggg	gaaactgggg	gagtacgcta	aaattttgcg	180
aaccgggggt	gggttaaacc	ccccccaccg	gcctcttttg	cgggttaaaa	ttggaagagg	240
ggggaaaagg	tttcctttta	tggggggaaa	aattggattt	atagtcaaaa	gggggcctat	300
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aaccaaaaag	gaaagggggc	gcttcctt				388

<210> 1197
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1197						
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tatgccgagg	acctgatcag	gcgacaggcg	gagaggcggg	gctgggccgc	ccccatccgg	180
aagctctatg	ctgtgggtga	taaccctatg	tctgacgtat	acggcgccaa	cctgttccac	240
cagtacctgc	agaaggcaac	gcgatgatgg	gcgccagaac	taggggccgg	gggcacacgg	300
gagcaacagc	ccttagcaag	ccagagctgc	atcttcattc	tggtgtgtac	aggcgtctaa	360
ccatcccagg	aacccaaca	gtccacggag	cctggtcctt	ggaagagg		408

<210> 1198
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1198						
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tctgaacaaa	atagatgatt	tgatgcaaga	gatcacagag	caacaggata	tcgccaaga	120
aatctcagaa	gcattttctc	aacggggttg	ctttggtgat	gactttgatg	aggatgagtt	180
gatggcagaa	cttgaagaat	tggacaaga	ggaattaaat	aagaagatga	caaatatccg	240
ccttccaaat	gtgccttcct	cttctctccc	agcacagcca	aatagaaaac	caggcatgtc	300
gtccactgca	cgtcgatccc	gagcagcatc	ttcccagagg	gcagaagaag	aggatgatga	360
tatcaaacaa	ttggcagctt	gggctaccta	aac			393

<210> 1199
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1199						
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atctcggggg	gccacgacta	ccaaattggc	ccctaccgca	agaacctgct	atgctacgac	120
caccggacag	acgtgtggga	ggagcggcgg	cccatgacca	cggcgcgcg	ctggcacagc	180
atgtgcagcc	tgggtgacag	catctactcc	atcgggggca	gcgatgacaa	catcgagtcc	240
atggagcgct	tcgacgtgct	gggcgtggag	gcctacagcc	gcagtgcaa	ccagtggacc	300

cgcggtggcgc	cgctgctgca	cgccaacagc	gagtcggggcg	tggcagtggtg	ggagggccgc	360
atctacatcc	tggggcggcta	cagctggggag	aacactgccc			400

<210> 1200
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1200						
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gcgtgcccgt	agcaacccgc	atcgtggaca	cacctgcaa	tgagatgaac	accgacacct	180
ttctcggagg	gattaacaaa	gttggaaagg	agctggggat	catcccaacc	atcatccggg	240
atgaggaact	gaagacgaga	ggatttggag	gaatctatgg	ggttggcaaa	gccgccctgc	300
atccccagt	cctggccgtc	ctcagccaca	ccccagatgg	agccacgcag	accatcgctt	360
ggggggggcaa	aggcatcgct	tatgaacctg	gaggcctcaa	catcaaag		408

<210> 1201
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 1201						
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tttaaataata	tttggcaatt	ttcccaattt	tttactgaag	aaaactgtaa	gtttatactt	120
gaggactgaa	gtgtgactct	gccgattatc	acgctttcaa	gatgaatctg	gaaaaactca	180
gcaagcctga	actcctgaca	ctatttagta	ttcttgaagg	agagcttgaa	gcaagggacc	240
ttgttataga	agccttaaag	gcccacacaca	gagatacttt	cattgaagaa	cgctatggaa	300
aatataacat	cagtgatect	ttaatggctt	tacagagaga	ttttgaaaca	ctgaaagaga	360
taaatgatgg	cgaaaaggcg	g				381

<210> 1202
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1202						
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gcctggagat	gaggtctggg	ctgcagttcc	tccttgaaaa	caaggcactc	tttcagagtt	120
tgtttagtgc	agtgggaatg	agggtctctca	caaaccacaa	tcactcactc	atactcaagc	180
tgccctctttg	ccatatgtgg	ctctcacagc	ctggtctgct	ataaacaaaag	ttggtggcct	240
gaatgacaag	aattgcacag	gaaaacgtgt	tctaacttta	agcgcttcag	gcggagttgg	300
tactttttgct	atacaggtaa	tgaaagcatg	ggatgctcat	gtgacagcag	tttgctccca	360
agatgccagt	gaacttgtaa	ggaagcttgg	tgacagacgat	gt		402

<210> 1203
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1203						
atcccatcga	ttcgaattcc	gttgctgtcg	gcccgggtgg	gctgaagtgg	aagcactgtc	60
cccgatgggg	ctgcctgggg	aggaggattc	aggtcctgat	gagccgccct	cacccccgtc	120
aggcctcttc	ccagccaagg	tgacagccatt	ccatctgaga	ggcatgagct	ccaccttctc	180
ccagcgcagc	cgtgacatct	ttgactgcct	ggagggggcg	gccagacggg	ctccatcctc	240
tgtggcccac	accagcatga	gtgacaacgg	aggcttcaag	cgccccctag	cgccctcagg	300
ccgggtctcca	gtggaaggcc	tgggcagggc	ccatcggagc	cctgcctcac	caagggtgcc	360

tccgggtcccc gactacgtgg cacaccccga gcgctg

396

<210> 1204

<211> 409

<212> DNA

<213> Homo sapiens

<400> 1204

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ttgctagtac	agcggttgc	gaaaatagaa	attctgagac	tagtgatact	actgggaccc	120
atgaatctga	tagaaacaag	gaatccagtg	accaaacagg	cattaatatt	agtggatttg	180
agaacaaaat	ttcatatcgt	gtgcaaagct	taaaggagta	tgaggggaag	tggttgcttt	240
ttgatgattc	tgaagtcaaa	gttactgaag	agaaggactt	tctgaattct	ctttcccctt	300
ctacatctcc	tactttctact	ccttacttgc	tattttataa	gaaattatag	agtgagtgtg	360
ttttccttgt	gtatatatta	aacacaccca	tacaaacatt	ggtaaagtc		409

<210> 1205

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1205

ggcacgaggg	atgtaatgcc	tggaaagtat	acaatgaaaa	tctagttcat	atgattgaac	60
acgcacagaa	ggaacttcag	aagttaagaa	aacatattca	agattttaa	tggcagagaa	120
agaacatgca	actcacagct	ggatctaaat	tgagagaaat	ggagtcaaat	tggttatccc	180
tggtcagtaa	gaattatgag	attgaacgga	ctattgttca	gctagaaaat	gaaatctatc	240
aaattaagca	gcaacatgga	gaggcaaaca	aagaaaacat	ccggcaagac	ttctgaaaag	300
acaatttagc	aggtagaaga	aaagttgggc	tttcacaaaa	ggcatctgaa	cttttaaatga	360
actttgaagg	acaacagcat	cttcccaaaa	ccattgggtg			399

<210> 1206

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1206

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gcgtaaacgt	gataagggtc	tgactgattc	tggttcattg	gattcaacta	tccttgggat	120
agaaaaatacc	atcacagtta	ccaccgagca	acttacaacc	gcatcatttc	ctgttggttc	180
caagaagaat	aaagggtgatt	ctcatctaaa	tgttcaagtt	agcaacttta	aatctggaaa	240
aggagattct	acacttcagg	tttcttcagg	attgaatgaa	aacctcactg	tcaatggagg	300
aggctggaat	gaaaagtctg	taaaactctc	ctcacagatc	agtgcagggt	aggagaagtg	360
gaactccgtt	tcacctgctt	ctgcaggaaa	gaggaaaact	gag		403

<210> 1207

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1207

ggcacgaggg	ggggagacct	gggatagcaa	gttcagcacc	atcgccctcca	gctacgaaga	60
gtgccggggt	gagagcgtgg	gtctctacct	ctgtctccac	ccgcaagtgc	tggagatctt	120
tggttttgag	ggggtgatg	cggaggacgt	gatctacgtg	aactgggtca	acatgggttcg	180
ggccgggctg	ctcgctctgg	agttctacac	acctgaggcc	ttcaactggc	gacaggccca	240
tatgcaggcc	cggtttgtga	tccgtgagag	cttgctggag	gctggcgagg	gactcgttac	300
catcactccc	accacagggt	ccgatgggcg	cccagatgcc	cgggtccgcc	tcgaccgcag	360
caagatccgg	tctgtgggca	agcctgctct	agagcgctt			399

<210> 1208
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 1208							
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cagcaatgca	ttatatTTTT	gaactatgca	atattttactt	tatttttttta	gcaactcctt	120	
ttcaagaAAC	ttttttttaac	aatcaaaata	cacaatattt	taaatagcaa	ctgttattcc	180	
aatattctat	ataaaatatg	tcacgtacac	aaaaagtcag	gtttgtcaga	tattatgaaa	240	
tctgtatata	aaatatacac	atatacatat	atgtatacat	atacaagcat	aagtacttat	300	
ttattatagc	aatctatgct	ttttgaaaga	cagtatggaa	acaagtgaa		349	

<210> 1209
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 1209							
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ttgtaaataa	gtaaggataa	tatttttttac	cccacacaac	tattaagaga	gttagatggg	120	
gaaaaatgca	tggataaatat	gggctacctt	ggttgaagct	gaggctcagc	tataacctaca	180	
tgtgaatttt	gtcaactatgt	acattgggtt	tgagcagtg	gacttttttca	ctcagacaaa	240	
tgtcttagag	ctctatgtat	gttagaacia	agagagtggc	ctcctgcctt	ttanagagcc	300	
ttacaatatt	tcatagtagg	tattatgcaa	acagaatata	aaaaagagct		350	

<210> 1210
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1210							
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gccaaactaaa	gttgatattg	taaaagtaat	gctatgaata	ttactatttg	acctagacac	120	
ataggttaga	attggaaaca	caggctataa	agtatagtaa	ttgtgtaatt	gtgaaaatat	180	
taaggcttca	actcaaaact	gaaacacagt	agggcttaga	aatctttgaa	ttattttatac	240	
ccctcagttt	aaaaacttcc	agtccaggcg	cagtggctca	tgcttgaat	cccagaactt	300	
tgaggaggcca	aggcaggcgg	atcacctgag	gtcagg			336	

<210> 1211
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 1211							
ccaaggtacg	gctgctagaa	cacgaccgaa	gggccatagc	taaattatct	aactatgtta	60	
taaacattgg	gaataactat	gttataaaca	ctgggaatta	cagagaacta	gtctggaatg	120	
gggctgactc	taaaaatgct	tataatcgct	tggagaaact	tggtcgtgaa	taccaagaca	180	
ataaaagtca	aacaaaaatcc	ttaatttagt	ttactgcagt	tgttcatgtg	gcactgggcc	240	
ctatgggaagc	ccaaaaaaag	tattcgtatt	ataagtaaag	ctgtgccaaa	acatgttaaa	300	
gaacttatatt	tctttatact	tatagaaata	tttagagag			339	

<210> 1212
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 1212
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 ttatagaata ttgaggtctc cattgggttg acttccaaat tagcgcttta ttaaaactcg 120
 tgtcagtggt ttgtacacct cttgggctgt atcttttcta ctgtgaaaca tattttaact 180
 gtgaaatgaa tatttttaaag aatcaccttg gggccaggca tgggtggctca tgcctgtatc 240
 tccaggactt tgagaggcca aggtgggtgg atcacttgag gtcaggagtt cgacacagcc 300
 tggccaacat 310

<210> 1213
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1213
 aggtgggttt gtctagtttt atctgttttt gggggaagag ttattttaat acaagctaca 60
 ctggaactga cttttgaatt gaaacctctt tccatgcttg gttcaaacca atccctatac 120
 gtaatggta tgagcccaga gatggagcca ggtcctgaa tccccacctc tgacacttct 180
 ggctcttaat ctctgactat ttgcttaaca tctctgtgcc tccattttcta tataagtgtt 240
 tttaccggtt ttattttatt aataaatgga gaaacaaaga cccaacatga cacctggcaa 300
 tttggtggca gaacctaaat ctcaggtgtc ctaacttcca gtccaaagca tagagaaaa 359

<210> 1214
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1214
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 ggaatgatgg aggggagagg aatggcctaa aagcaggatg catagtgggtg aaaagtaaac 120
 tattttacag cttcatctgg agttggacca atatagcata aaacatttga agttagtatg 180
 attgtctgta gccatgtggc tggatgaatc cacaatgatc gttaaagggg cactgacaa 240
 ataccataca aaaaactgtg acttatctac ctagtcatth acatcattat acttctcaca 300
 gtgaagaatg agaaagtatt ttaaaagtag acatagcttt aaaagatgtg ctctg 355

<210> 1215
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 1215
 tacattgttc aggtcttctg tgttcttacc caggccccac tcaacctttg agctattcca 60
 gtatgagagt gaattagacc tcccactatc acggtcttac tgtcatttct catggcatta 120
 gtcttaatat tttttatatg gtaattctat gttcaagact gtgaacatat tcaggttcca 180
 agttattttg tgttcattaa aaattttact ttgaatcatt atgaatagtt cctaggttga 240
 gcttcgggct ccctgacccc agagcagttt ccatttgcac gtgttgacca tattctctaa 300
 cccgtcccat aaaattgatt ctactatttc ctgcttttgg 340

<210> 1216
 <211> 358
 <212> DNA
 <213> Homo sapiens

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<400> 1216
agaaattgaa ctgaaccgta aaggatagct gagaacagaa aatgcttgag aagaatatct 60
ccataaaagaa gtgataggaa ttaaaacagc aaatacagtt tgataccagg taatagagtg 120
gcttgaatcc agtttaggga atttggtttg ggtgtgtata tgtgtgtgtg tgtgtgtatg 180
tgtgagagtg tgcgtgtgcg tgagagagag agattgcaca tatatattga cgtgtgacta 240
aatagcggct gcaacctgaa cagtctatac tcttggaac ccacggggtg acattgtctt 300
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<210> 1217
<211> 340
<212> DNA
<213> Homo sapiens

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<400> 1217
tatctacggg atcataagtc taggtgtcta taattcagaa aactaccttt catttgtgtat 60
ttgatgtttt tgtatatcca gagcgtatta ataaattgaa ttttaaaagt ctcttaaatt 120
aaaggagcta ggttgggcgc agtggctcac ccttgcaatt ctagcactta tggaggccga 180
ggctgggtgga atcttcagag gtcaggagtt caagaccagc ctgaccaaca tgggtgaaacc 240
ccgtctctac tataaataca aaattagcag ggcatgggtg catatgcctt gaatcccagc 300
tactcgggag ggtgaagcag gagaatcacc ttgaaccctt 340

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<210> 1218
<211> 353
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

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<400> 1218
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tggaatggaa aagaagttct cacacaaatc taagacctac caataataaa gataaaaaca 120
aacaaccaac aaaaaaaatt ttcaaacaaa aagaaaaaaa gggaccccc cccttttttt 180
tggaaaaaacc ctgggttttta aggcccccca ttttttctcc taccaaaaaa aaaatttggt 240
acaatttttt caaaaaaaaa aaaaaatgtt gggaaatttt taaacggcc cccaatttag 300
gcgccaataa atgggcgaaa aaaaaaaaaa attttcctg gttttaaaaa ccn 353

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<210> 1219
<211> 385
<212> DNA
<213> Homo sapiens

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<400> 1219
cgttgctgtc gataaagtat tgtaaataga atagtgttga agatatgaaa tatggctatt 60
tttaatgggtg acaattatga ctttttagtca ctattaaatt ggggttacct atatcagtac 120
aattttgtagt tgtttccagg tttggcta atcattcct taacctagaa ttcagatgat 180
cctggaatta aggaggtca gaggactgta atgatagaat taaattagt tcaactaaaa 240
ctgtcccaaa gtgctgcttc ctaataggaa ttcattaacc taaaacaaga tgttactatt 300
atatcaatag actatgaatg ctatttctag aaaaagtcta gtgccaaatt tgtcttatta 360
aataaaaaaca atgtaggagc agctt 385

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<210> 1220
<211> 351
<212> DNA

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<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(351)

<223> n = A,T,C or G

<400> 1220

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acttctgagc	tctcctagag	ctatTTTTat	tcttgatag	ctaatttgtg	gtgtgtgtgt	180
gtgtgtgagt	gnntnnnnnn	nntnnnnntt	nnntttntnn	ntTTTTTntt	ccctntntct	240
tnTTTTTttt	ggggggttgg	ttTTTTTtgt	gctggncctt	ttgttctatt	ggggtggtgg	300
gggtgtttcc	ttgctgcect	tgttgggggc	ccctcatttg	ttTTTTTtta	c	351

<210> 1221

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1221

caaattattg	atgccaggct	gaaacttctc	tttcttttaa	taaagcactc	ttgaatgtct	60
cctttatggt	ttgcttttgt	atcatacttc	agttaatttt	tcaagaagaa	aaaaaagaag	120
atgaagataa	ggatgatact	gaacattact	aatgattat	aatctccccg	ccattatgct	180
aatcactttg	agctataatc	tgtaaatatc	agggaatatt	ttatTTTTta	gagaatcagt	240
attttctcag	tttcatagag	atgcatatga	attgagtgtg	tcactaggga	agcgaacca	300
ctgagcaata	caaagagga	atttatttta	ggcggggcgc	g		341

<210> 1222

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 1222

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ggattatcaa	aggccaatg	tgaaacagca	cggcacatag	tattgcccg	tttaaacaaa	180
acaaaggctg	agtgtatgag	caatatatca	tttaagacac	ttctcaagct	gcagtgttat	240
ggaaaatggc	agagtgaac	cagcaatcca	aagtaaaata	taaacaacaa	ataccttcca	300
aagactcttt	aatatacaca	taaaatttag	acctactttg	agccn		345

<210> 1223

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1223

atgctattca	ggagaatcaa	agtaaaccgg	tgcaaagaag	cgtttgacaa	ttatgagcac	60
actttgttcc	ttgggaaac	atacttggtt	agttagaaaa	aacaaattaa	aagaagaatg	120
agctacatgt	tgtactaata	catttcattc	ttcttaacac	taatgcatac	cttgagggtcc	180
ttagctgtag	cccctacctt	ccaggttttc	atagagtggg	gttgaatata	aacaaaatta	240
aataccaaca	tttacataat	acaagctatt	taaacaatat	cattgcattt	atttggggct	300

tcaggtgaaga ttaaattaat tgtttaaacc atgcactttt tgaaaaataa ttact 355

<210> 1224
 <211> 383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 1224
 cggtgctgtc ggtcaggatg gtggattaac ctgtaccag aataacttatt gttcattttg 60
 aaaagacttt gttcttttca tttttatttg ggagtctttg tgaccagaga agttagggag 120
 gaggttattt ttgtgttttg gggttggctg gttggttggc ttggnnnncg gccctacatg 180
 accgatgaac aaatgggttc agatggctct gtgtccatag gcagccttga atagggtttt 240
 acacactctg agacaatgac agcctgtgtt gactgaaccc tgacttgtgt tcaaccctgc 300
 catagtgccg gtgccttttg atgaattcga taatttgagc ctagcactcg ccttaagagg 360
 gtggctctgg tacctccccg ttg 383

<210> 1225
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 1225
 aactaatttg tacagattta aactacaaac tcccttccac cgcttgtaca gtagctggta 60
 tctttactca agtctcacag tttcagctgc tgatttattt tattttattt agcctgggtc 120
 cttggcattt gccataggct tgcataaaat agggtcggcc aaggatttga agagagtata 180
 tacaatgatc cctcaatata catgtggttt gattccagga cccctgagga tataaaaaatc 240
 cacatacggg cagtgtgtga tggctcacac ctgtaatccc agcactttgg gaggtcgagg 300
 tgggtggatc acctgaggtc gggagttcgg ngccagcctg agcaacatgg agaaaccccc 360

<210> 1226
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1226
 atatgttcat tgcaacacta ttcacaatag caaagccatg gaatcaaccc aaatgcccatt 60
 cagtgcacaga ctggataaag aaaatgtggt acatatacac catggaatac tataaagtcc 120
 attttaacta gacatccctg ctgaaatccg ttcctcctgc cactgtctac ctattgcaga 180
 tctgcaaata tccaggtcta tgaaactcaa tctttcaaac agtaacctgg tctaagcttt 240
 attctcctat tacataaagc cacaaggtt atgtccattt tgcataagaa gaagctgagg 300
 cctgaaaggc tgacttgccct atagtgtgtc ccaagtttagc ggtggaagct cgg 353

<210> 1227
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400>	1227						
ctaccatttt	aaattaattt	agcattggtc	tgttacaaag	tgcataaat	ttagattcag		60
aagaattggg	cttcagttat	acttttgtca	ctttctcaat	atgtaaccta	ggataaatcg		120
ctccctcttt	ttcaaatttg	atgtgtacaa	atgtaatatg	aagtacttgg	caacgctcagg		180
aacattttgat	aaggcaaggt	atataaagat	atgtgtgtag	ccaggcacgg	tggctcatgt		240
ctgcaatccc	agcccttggg	gaggccgagg	cgggtggatc	acctgaggtc	aggagttcaa		300
gacctggcg							309

```
<210> 1228
<211> 344
<212> DNA
<213> Homo sapiens
```

<400>	1228						
aaacaagaag	aaataactgt	tatcagaatc	tggagagaaa	gttgtatggg	gagggctacc		60
tgacaggagc	tgtgactttt	agtagagggg	atgcagttag	ccatggatta	ccctgaggtg		120
aatgaaccag	gctaataaat	ataccagcaa	cctccctcca	ccatcaacta	gggtgattct		180
ataatatttt	gtccaaagtg	ggacaaccac	tatgggcaat	ttagtcatat	ctattaaagt		240
tgaattgtg	catacataga	attacactta	cttattctgg	agacactctc	tcatacaggt		300
tgcgaaggga	catgcaaaaq	aatgttcaac	aqctacaaga	actg			344

```
<210> 1229
<211> 339
<212> DNA
<213> Homo sapiens
```

```
<220>  
<221> misc_feature  
<222> (1)...(339)  
<223> n = A,T,C or G
```

<400>	1229						
cttctctcttt	catatgcaac	caattccaga	ataaagagaa	ttctgaggtc	ttagagaata		60
gaagagccac	ctaaatgcct	gcaccgatat	gcatcagact	gttaggtaag	cgcacacaca		120
cacacacaca	cacacactca	cacacacaca	aagacgaaga	agattatggt	aaacttctaa		180
aactctgcag	ttttatttta	ctaagtaacc	attaaactaa	ttaaccagct	gcctaataca		240
gacattggaa	tctggagtga	gaggctgctt	gaatataact	aaaatatgtg	gggtgcttagc		300
qattatcanc	acqctagaat	tctagggtatt	catattatg				339

```
<210> 1230
<211> 340
<212> DNA
<213> Homo sapiens
```

<400>	1230						
catttccact	ctttttggcc	tttaatcact	catgatagcc	ctttaatgtg	tcccttagac		60
tctatgatat	ttgatagtaa	aagaggtatt	gaaagcatat	tttctgggtcc	tcttgctttc		120
agattcttcc	ttctgtccct	acttctgaga	tggagactga	gtagggagtc	accaaactga		180
tctggagaag	atgaactaga	tatgctcaga	ttatggacc	tggcctcagt	ggggagaaac		240
tggaattcta	accaccagt	ccaactgtca	tatccaattt	taaactctgg	ctgcgaacca		300
tggctcacac	ctqtaatccc	agcattttgg	aaggccaggg				340

```
<210> 1231
<211> 340
<212> DNA
<213> Homo sapiens
```

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 1231
 agggagaagt ctagctcctg accaggctct gatttccccg gccctgccct attcaagttc 60
 ctcaaattcc ttgaccccaa cccttgcccc ataagaaacc tccccatgac cctgaccctg 120
 acagagaact ggctgtgaaa atttttgcat tgacaacaga tattggaatg cagggattcc 180
 ctatctactt caggcacctt caagaatcag aggaggccaa gcatgatggc tcatgcctgt 240
 agtcccagca ctttgggagg ccagggtggg gagatcactt gaggccagga tttgagacca 300
 gcctggccaa tatggcaaaa ccccgctctc actaaaaatn 340

<210> 1232
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1232
 aactagatgg agtcctggcg ctcaactgtga ttgagaacac atgacaaact aataggttta 60
 ctgggcaggg ggctaagctg atctacttgc tggttcaatt agctccactt tccggaggct 120
 agcattttcc caaccttgcc ccattgctctt gtgggtacat ttaccctatt tggggcctta 180
 gcgctttaca aatgaacgtt tcagtttaag agacattgcc acataactta tattaagtgg 240
 tatgaattca aaagcaagct ctgccactac acatcagaat ccagcactga aggaagtgtg 300
 gaagtcagaa agatggacag gaagatccct tcaagc 336

<210> 1233
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 1233
 cttagtggct tttatccctt cggcatgcta ttttgctgat gtttctataa ttgcctcaga 60
 ctttcacatt tactagtagg gctgagagag gcttttagtga ggaaagaata ttcagaataa 120
 aacggttgag aaagctgaga agaccattga gttttgatca gttgtgaata gagtgcaaag 180
 ccatggccaa gctgtttttg gaaacgctgg ccggcgtgtc ttcagtggaa aaagcaaact 240
 aaaatggagc gagagcaaag gggcgctcctc agtcctcaac ctacaatcac tgtatggaat 300
 cggtcctggc agctgaacat aggaggtcac tggaaacaagt gatagtgcag attggccttc 360
 aaacatcctc ctggcttgag ttt 383

<210> 1234
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1234
 gtattgactg aactaccaga tattgaggct tctttgctta ttagctgcat gactttgggc 60
 aagtcaagtt ccacctgagc cttgcaagtc aggctgggg agtccaacca cccagaacct 120
 ttgagtctct gttagagagc aagaccctct ctttaagaaac aaaaataaaa caaaaaaaga 180
 gtattgggat atggggagtt tggctcctgt agaaagggtg gtctgggagg cctgttacag 240
 gagttaacat tggacctgag acctgaggat gaacagaagc catcctgaaa gaactgggaa 300
 aataaagagg tggccaggcg tgggtggcgca cgctgtaat cccatcactt tgg 353

<210> 1235
 <211> 243
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(243)
 <223> n = A,T,C or G

<400> 1235
 catagtcaag ataggctaaa ttatgctgag ataacaaaca aataaaaact ccaaaatctt 60
 aatgccttta ataacaaaga tgtatttctt aatagtgcga catgtccctc tcagatcagc 120
 aaagagatct ctgctcattg tatttaataa gagggccagg ctgacaaagc tgctgccatc 180
 ttgaatatag ctctttgatg tgccagacag aataaagaac tctgcaggat caccattag 240
 can 243

<210> 1236
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 1236
 atgctaactg agttaattag atgagattct gtagagaaaa tggacactat aagaaataat 60
 agtgtccaga actgagttat aatgacctct aatatttaat gataaatgaa agaagaggaa 120
 ctgatgactg aatctgagaa gaaaccaata aacttgtaat aacagaagaa caaaccagg 180
 tgggtgctaaa gaaatcacag ttcattcaaaa aggagggaca agtggacttg ccttggttaa 240
 gatggactgc cttaccaaat atgacaaata ttaaaatatg tttagatttc aatgatgacc 300
 aaatatgtaa ataagacact ggaatttatt cgtcaaattc ct 342

<210> 1237
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1237
 tttcaatctt tcgtcccaaa tgccatattc actacaagga acaggggttc cttggagaaa 60
 tggctgaata taagtgtggg taaggaaata tacaatgaa cctggaatat cttattatat 120
 atatattaaa aaaaatctac tagattcacg tcaaaagtag ccagagacca acttgaagtt 180
 tgttatttga gcaccaatgg ggatatgaac tggaaaccac aggttcatat tgacaggagt 240
 taaaaaaaaat acttttggtca gctttgaatg atgttccatt agcaagatta accaagaaaa 300
 gggagaaaaa atctaaataa cctcactaag aaatgaaatg agagctatta caact 355

<210> 1238
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1238
 cagggaaatt tgataagtta atcattatct cagccaacaa atctgaggcg gttaaaatac 60
 ttttccttcc atatttgatt tataagcatc ttccccttga tgtgatttat cttttctaaa 120
 gggactagat cattctaagc agaggaacaa tcatagcgaa ctgtgcctca ggctatttgc 180
 agacgatgtc acttgagttt aaaccacaaa gacatttcag aaagaaaaca tttctatctc 240
 ttaatatgta agccaagaga tatgaaatca tggcatcccc agagaaacac ctttcctga 300
 tgtcaacttg gcgacttgca tctgcttttc tgatgaacaa agaaaagtat ttggctatgg 360

<210> 1239
 <211> 380
 <212> DNA
 <213> Homo sapiens

```

<400> 1239
cgttgctgtc gattaattta acaaatttat ttagtggtgt ctcagacact tgagacactg      60
gagagttgga ggtggatgaa aggagaacct tattcttttag ttgtttacac agcagagtaa      120
atatcacaaa ggcagggtacc ttgtcccttt tgtcaactac tgtgtctgca gcatctagca      180
ccatgtctgc catacagtag gtgtttgttt aatttttttaa atgaatgtaa agtacaggta      240
agtatagttt tacatatatt atcttccaat tatttggatt cctcatttca tttctctcct      300
catagtgtgg gaagaggaaa gatttgagat gaaatggaga aacatcaaga tgaaatgcag      360
agtatttaga caagattatc

```

```

<210> 1240
<211> 337
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

```

```

<400> 1240
ggtttcacca tgttgaccag gctgggtctca aactcctgac cttaagtgat ccacccgcct      60
cggcctccca aagtgccggg attacagacg tgagccaccg tgcctggcca acattttatt      120
agttgaattc ttaaaattta tttttctaata agaataaggg agagcattag aagtagtttt      180
cataagacac aataaatata aacctgtcat ttacctgtct agccctgata ttctgaaatc      240
tggaacttgg gtttagaaca aaatggattc agttaatcct tttttttttt taaagagaga      300
gatttgtatg aggctggctg ggttattcat tcattcn

```

```

<210> 1241
<211> 367
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

```

```

<400> 1241
tctacggctg ctataatacg acagaaggga attcaaggag ccggtcacca caagctgcat      60
aaacaaatcg ttaccagcat aaacagaata tatagcagaa tttattcttc gaaaaaaata      120
cttactgata ttcaggccag gcacagtggc tcctgactgt aatcccagca atttgggagg      180
ccgaggcggg tggatcacct gaggtcagga gttcaagacc agcctggcta acatggcaaa      240
atcctgtctc tactaaaaat acaaaaatta accgagtgtg gtggtgggtg cctgtaatcc      300
cagctacttg ggaggctgag gcaggagaat cgcttgaact cggggggcgg cggttgacgt      360
gagccan

```

```

<210> 1242
<211> 359
<212> DNA
<213> Homo sapiens

```

```

<400> 1242
tggtttgtc agtttcaata ggagattcta tgtatttagt ctccaaagaa cccagaatta      60
tctgtgggga gttttgaagg agtgagccat ttgtaaaaaa cataatatgt agggcatggc      120
aaacaggaag aaaaagcaaa aaggagcatt agagtgacaa aaggacaaac caaaaacagg      180
atttacatgg aaacccatgc cagcaacctg catcagagaa atgtatctgc agccagcagt      240
atctctgctg ccatacagag gtctagaaat tttgaaagtt tataaggcaa aaagagaaaa      300

```


<213> Homo sapiens

<400> 1251

aaaacaaaaa	aaaaaaaaaa	aaaaaggggg	gggggtttttt	tctggaaccc	ccaccgataa	60
aaaacttttt	gggggggtggg	acaaccccc	ctttaaaggg	ggggaaaaaa	ggggcttttt	120
ttgaaaaatg	gggacgtttt	ttgttttttt	ggcacccttt	aaagcccca	taaactgggt	180
aaaccccccg	cctgggcttt	tttttttttt	tcacgttcca	ggggaggggg	ggggagtttt	240
gctccctcca	gcagcccctt	ttttcctg				268

<210> 1252

<211> 291

<212> DNA

<213> Homo sapiens

<400> 1252

aaaaaaagct	taatagtc	aatatatatg	ggattttttac	caaagaaaaa	caccaaata	60
gaaacatgta	taaaggaaat	taaaaggaaa	tcaccaaaga	caaaataaga	aaccctcac	120
aaaacagcac	attaaaatga	gacatttttg	ggttgggcgt	ggtggctcac	gcctgaaatc	180
ccagcacttt	ggcaggccga	agtggctaga	tcccttgagg	ccaggtgttt	ggcacgagcc	240
tggccaatat	ggcgaaaccc	ctctttacta	gaactaccga	tattaccag	g	291

<210> 1253

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1253

tgcattctct	gttatcttct	gtgaagtgag	tcagtttcaa	ctttgccttt	gtgcttatgt	60
gtcattctct	gctctttgat	gttcaagtct	atattgggtc	cagactctgt	tttattta	120
ctgtttgttt	tctttctaaa	aacatattct	atattcccgt	tcaagagtgg	agctaacttc	180
acaggatttg	ggaaaattct	gattattcta	gcccatacac	agaatgccca	ggacaaggaa	240
gacaccactt	ctctgaggaa	ttgtgccaa	aatacaagtc	ggtgaagtca	gcattgcacat	300
gttgaatgtt	tacaatgtgc	caggtacttt	catatactat	tc		342

<210> 1254

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 1254

cgttgctgtc	gggggggatgc	acaggacact	ctgtgcctca	gttttcttat	ctgtaaaatg	60
gggcaaatac	ctaccaagtc	atagggttga	tgtaaagtct	agttgagata	atggagggta	120
atttcttttt	tttcttaagc	ttaaattttg	gatccatttt	gtgttgattt	ttgtatattg	180
ggtggtaatt	tcttagaagc	tagaaagtta	ttaaagtctg	cttatgagcc	aaatactgtg	240
ccaagggctc	tgtccagatc	attccagtta	atccacccaa	gacccaaca	gcacaggtgt	300
tgctatattt	ttgtggtgag	gaactgagac	ccagggaagt	cacggtactt	tgcccaaagt	360
caccccgatg	tcaagcgta	gagcan				386

<210> 1255

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1255
 tacggttgcg agaatacgac agaaggggcg tgagctactt tttttttaaa cagataatca 60
 acagggccaa agcaattaag tcattttccc agtcacttgg ccaataagca gcaagtcaat 120
 gaccagaaca aattatacaa ctttcatctt cccataactg atctaagcct accaaaaaaa 180
 cggatgagac tagacagaag aaacagtgtc accttcatcc ccggtcatct agtcaagaac 240
 tacgcaaaag ccatatgtaa cagaaatcta ggaccacagg ctacagtgcc atggcacaaa 300
 catggctcaa tgcagcctca acagcttggg ctcaagcaat tctcccacct cagcctccag 360
 agtagctggg gctacaggca ta 382

<210> 1256
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1256
 gataggcctg aagaacacag ggcgctgcat ttagaaagga ggcgggggtca gaggaataga 60
 aagggatagg gctgaagaac agaggtcgct gcatttagaa aggaggcggg gtcagaggaa 120
 tagaaaggga cagggtgaa gaacacaggt cgctgcattt ataaaggagg cggggtcaga 180
 ggaatagata gggacagggc tgaagaacag aggtcgctgc atttaciaag gaggcggggg 240
 cagaggaata gaaagggaca gggctgaaga acacaggctc ctgcatttag aaaggaggcg 300
 ctgtcagagg aatagaacgg gatacggctg aagaacacag gtn 343

<210> 1257
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1257
 gtcggttggtg acagtgaata atattcttcag acattgccaa atgttccttg ggaggcaata 60
 tcacccttcc ttttctgcc ggtagttcta tgaatttctc acagcagaat ttctctttcc 120
 atattcctat gggcattaga gaggtagaac atcagcattt accagacata tttgatacta 180
 agtccctatt tgtaaagtca gagaagtctg aggttataaa atcattccct tctcctcaa 240
 agagaagtga aatccttata ttgtagagat caccaagttt tcatagtcag acatttccac 300
 tttgtctggg tttttaaaaa acctatcaga gaaaacta 338

<210> 1258
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1258
 gacctgggag aagctgacaa tgaaaatgat cggttttttt tttttttttg gagtggggcc 60
 ctcttttttt cccccggtct gtatttccca cattgcata tgaagtaaaa tgctcctgtc 120
 cctggtgctt actagtgtag tgatcatacc ccggcatcct gcttggggaa caaaacatcc 180
 caatacctgc ctagggcaaa tttggcaaac cctaaaaaat atgagccac cgcatttaca 240
 gattccttac cagcaaaaagg aaactccgca ttttgtgacc atttaaaaat tggggctata 300
 gctaccccaa cagccccg 317

<210> 1259
 <211> 338
 <212> DNA

<213> Homo sapiens

<400> 1259

catcatatac	tcatggcact	aaaccacagg	aaattctaaa	atttctagca	gtatttctgg	60
taatctaaat	aatatatata	aaagtgtgtg	tgcgcggtgtg	tgtaggtcct	ttgttaaacc	120
cttgtagatt	tatgattcgg	ggcggaagaa	ttctttgctt	tagaaactat	cttggttcta	180
taatttttaa	aaaaatcctg	tcttttttct	gtttaaaagg	caatacttat	tcattttttt	240
aaaaaacagt	gacagtaaaa	agttaaaaaa	taagctaagt	agggactaag	gaaagagtaa	300
aagtcaaggg	tatctatact	gattaaagaa	tttttagg			338

<210> 1260

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1260

gtgcggctat	ggagacccag	gggcagccca	agtccttttg	aaccaagcag	ggagggggtt	60
tcagggtcct	tccagtgacc	caagggagga	agggtgcgc	tgagatgtgc	cactttcagg	120
cagagagaga	gagaaagatc	tgggggtgag	gggtactaga	cctctggatc	gggtgtcatc	180
ggctcgctcc	ttggcatagt	ttcagaccgc	attttctggc	tgactttcag	aactacagta	240
ttgctcaaac	tctgctgtgc	tcagagcctc	gtaggagaac	tggtgagaat	gcagatgccc	300
aggccctaac	cctggagatt	ctaattcaca	aggctaggga	g		341

<210> 1261

<211> 349

<212> DNA

<213> Homo sapiens

<400> 1261

acgacagaag	gggtgttggt	ttgttccaca	tttaggatca	ttttcccagg	ctagattttc	60
agatgtggga	ttatgggttc	agatatggtt	tacacathtt	tatagttcct	aatacagatg	120
gccaaattgc	tttctgaaag	agaatctttt	cttaagtatt	tttctccaac	ttgtatctta	180
aacatcctga	acatgcttag	caccactgtc	ttgatataac	tgcggaagac	cacgtctgca	240
cttttttagtg	ttgtggggcc	tgggataggc	aggcattctg	tgcttgctct	ttgtagctgg	300
acgtaaaatt	tcttttttct	gctgggcgcg	tgggtttttt	cccgaatg		349

<210> 1262

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1262

tacggttgga	gttgacgaca	gaagggaaca	cattaaaagc	cagagttcag	ggatatcaga	60
gctagatata	aaatgttacc	cttcaaatgc	agagagcctt	gaggttatgt	gtggaatacc	120
cacgaggagg	aagtccttaa	tcagtatatc	tgcaaagact	cagcagaacc	tgggcataaa	180
cccagacttg	agcaaacact	aagacaatgg	ctcctgcaag	aactgtctcc	tctcaatatt	240
tggagtatgt	cagatacagc	agtgcctttc	agaatgtgcc	taacatccct	aaagaatttg	300
aatatgccac	tctttttttc	tgatttaaaa	ttttcttact	gttgcagagt	attaatttaa	360
aaagatgttt	aagactgttc	atg				383

<210> 1263

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1263

gaggtttcat	ttgtggcgag	attctctccc	aggccacaag	acatttcctg	ctcggaacct	60
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tgtttactaa	ttgtaagtac	tttacaagta	agaacttggt	ttaaaaactt	agcattcaaa	120
aaaaaagctt	tctttaaaag	atattcgatt	ttcttggttt	ttttcttagc	atgttatatt	180
ttgagggtca	gctaaaagac	taagggtttc	ttatctaatt	gctttaaatt	tatacattta	240
gtcaaattca	acaatttctt	gctaagcatt	ttgccagatg	ccaggctttt	caaagtagtg	300
taagatccca	gccttgaatc	ctcatcaatt	gctgctttct	gctgcaacac	ata	353

<210> 1264
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 1264						
gataggggag	agacagaagg	gaggaaaaga	tttttcttaa	ggagagcaag	aatcaatact	60
atgaaagtca	atttccttat	tcaaattcaa	agagaaattt	tgtaacccaa	aatgggagaa	120
ctactgaaaa	gtcagaagta	aacagaagac	tggagtagac	agtgaggagc	aaagataaaa	180
ggagagagaa	gattcaagac	agtcccccca	tttttattgg	tcttttagctg	tgcttattgt	240
gagtgggtag	atttggttaa	aggctcaggg	tctggccggg	cgcggtggct	cacgcctgta	300
atcccgacac	tttgggaggg	cgaggcaggt	ggatcacgag	gt		342

<210> 1265
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (374)
 <223> n = A,T,C or G

<400> 1265						
cgttgctgtc	gcacgaagcc	ttggaaagca	tactttcacc	ccaggaaacc	ttaaaagaga	60
gagatgaaaa	tctcctcaag	tctgggtaca	ttgaaagtgt	ccagcatatt	ctgaaagatg	120
tcagtggagt	gcgagctctt	gaaagtgtgt	ttcaacatga	aaccttaaac	tatataggtc	180
tgctggactg	tgtggctgag	tatcagggca	agctctgtgt	gattgattgg	aagacatcag	240
agaaacccaa	gcctttttatt	caaagtacat	ttgacaaccc	actgcaagtt	gtggcataca	300
tgggtgccat	gaaccatgat	accaactaca	gctttcaggt	tcaatgtggc	ttaattgtgg	360
tggcctacaa	agan					374

<210> 1266
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1266						
aagactccat	ctcaaaaaaa	aaaggaagga	aaaggaaaga	aaaaaccctt	ggaaaagtag	60
gggattttga	aaaaaatttc	cccattttca	ttaaagagat	ggacatataa	ttttaaaaaa	120
ttcaaatacc	ctatgtaaaa	tgctatgtaa	aacacccttt	gcaaaaaccc	aaagtattca	180
aattttttgag	ggatcatggca	aaaaaaaaa	atattaaggg	cagttaacga	cagggggcag	240
gccacataag	ggggaaacta	cttcaaactc	acaggggaac	tctcagcaat	atcccacagt	300
caaaagactt	taaaaaccca	tattcagcat	ttttg			335

<210> 1267
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1267

ctttgtttta	gaacgtat	gctcttcct	agaaacagac	tcagaaaaa	aagaactatt	60
ttctctaaaa	tttaaaaaa	tattttctca	aaagtgaac	ttggatatgt	aagggttttt	120
gctaaagctt	tgtaacatt	agtaatagca	atgaatagga	attaatgaca	ttagaaatag	180
taataccaaa	taactgtgac	tagtgcaact	tcaaaataaa	tttcattctc	ccacaaagct	240
cacaaattgc	tctttgctta	aagatcttct	tttgttgtgt	ttaacttttc	tagagcattg	300
tatatcttgc	ctaaaataaa	tccaattacg	ttaacaacat	ttaataaaca	ttttcctccg	360

<210> 1268
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 1268						
ggacatgaag	aaagagcttc	ctgcaattca	aggactgtac	aaagctgaaa	cgcagagatt	60
ttcatattat	ttgggagact	cagaaatgag	cttttaagga	tggtccttga	cttgcgggtc	120
aataagcgca	caatgggtgaa	gaaaaggctg	ccttctaata	acacgggtgt	cgggtttgag	180
actccgggca	gccaagga	ggccaacgtg	gaggcctcac	gcagctccac	agacagcccc	240
agctcgggtg	tcctcagctc	agaggctgag	aatgggtgtg	aggagagana	gaaagcctag	300
cggtcgtcct	catctgcata	ccatagccca	tttgtgtagg	cggagtctcc	agaccaga	358

<210> 1269
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1269						
tatctcagag	agtactggga	ttctgaaagt	gaaagggtta	taccagttta	aagtatggga	60
gtgctggacc	aagctaacat	gttcaagaag	aaatatggga	tatatattatg	gaaatagata	120
atgaaaatgc	tgaattgaag	agcaaagatt	ggacaatgga	gaatgtttca	gtttatcaat	180
attgggtgcac	tcttccatgt	aggatgattt	aactctgtga	tatgtaccct	ggaagattga	240
agaaatatta	cgactatgta	ggatcttggg	cactagaagc	ttgctgaaag	cggattccac	300
tttaagcttt	gtagaaatgc	taagagggtg	ccggtcgcgg	tggc		344

<210> 1270
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 1270						
atcttgggga	aggttaaaga	cacctggaga	atgaaatctt	ggattttact	ttcctgaaag	60
gctgaggcta	ggcataattc	tctgcctttg	ttccccctct	ttgtcttggt	taaatgttcc	120
tggccatact	gtacctgtgg	ttttattgtc	gtcctttttg	ggaacaagca	ggatataaat	180
cagtcagtga	aatttttagaa	tgtagctctt	tgggtctagca	tctaagtaga	taaagaagaa	240
atgggcactt	aataagtgcc	tctggaggct	tgtgatttgc	atggggctcc	caatgaaagg	300
taaagtcttt	gcttagaggt	tacacacacc	gaatgcaggg	tgggtcc		346

<210> 1271
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>

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<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

```

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<400> 1271
gaagaaagag cttcctgcaa ttcaaggact gtacaaagct gaaacgcana gatattcata      60
ttatttgga gactcagaaa tgagctttta aggttggtcc ttgacttgcg ggtcaataag      120
cgcacaatgg tgaagaaaag gctgccttct agtgacacgg tgttccggtt tgagactccg      180
ggcagcccaa ggaaggccaa cgtggaggcc tcacgcagct ccacagacag cccagctcg      240
gtggtcctca gctcagaggc tgagaatggg gtggaggaga aaaagaaagc ctgcaggctg      300
ccaacagccc aatcccctac cccatctgtg gaggcggact cccagaccn      350

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<210> 1272
<211> 325
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

```

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<400> 1272
ctgagaacag agaggggatg gagcatgaca attagtgttc attgacattg ttgttgagg      60
tccctaggta gggccagact gcaggcagcc agagagatgg cccaggccta gggaggggtg      120
aggacggggg caggtgcagg gccagcatcc ccaccactgc ctggcagctc cccagtaatg      180
cagatgctgg gtggcttcct ggagagggca caatcctggg ggaggtgttg ggaggttanc      240
cncnnntcnt tnnnnntaag gcccacnaag tttcaggccg cgtggccaga ggaatgagct      300
gagcatttgt tgtgctgcat gtaga      325

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<210> 1273
<211> 386
<212> DNA
<213> Homo sapiens

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<400> 1273
cgttgctgtc gccagagctt aactcttaac cattttgcta actggctgtc tctccaggcc      60
cccatcacc cttccatcac cctcccctgc cccaggggca tcctatcaaa tggcagttcc      120
cccctcgctt gcctcagcat ctccaattta gagcttcatt gatctcctcc tgttgaagtc      180
atgggatgga tttcccatct cagaaactgc acaagaaaca accttggagt tttgaacaaa      240
ggatattcaa ggagtattca agaataaata ttcataatcg tggcatgag acatgagaaa      300
aaaggtgtct accacgtctt gtctctactc ataaagaaca ttggccagggt gcggtggctc      360
acgcctgtaa tcccagcact ttgaga      386

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<210> 1274
<211> 351
<212> DNA
<213> Homo sapiens

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<400> 1274
cggggctaga gaagaacaaa ctagattctt gcaggcattc caaggaggct catcttgaag      60
cccaacctga ccgaatgcac cagtagactc ggccaagccc ttccttatgg cccaggaaa      120
ctcccaagct atggcaccac aggaagccta tccaagctga ggacccaaga caagttaaaa      180
acaggttcaa cggaaaaggc tgagaatcac tggcccattc tgtacccatg cttttaaaaa      240
taatacccag ctgcgcacgg tggctcacgc ctgtaatcct aacactttgg gaggtcaagg      300
caggtggatt acttgaggtc aggagatcga gaccagcctg gccaacatgg g      351

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<210> 1275
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1275
 gatattgagg cacagagagg ttaaataaat catccagagt ctagaaagt acagaactgt 60
 atttcaaacc agtatcttct tgatttctaa aagtctttac ttttttttat ttttttttgt 120
 ggaaaaaggg ttcgactttg tttccccggc tgaagagctg ggctgcacca ctacactaat 180
 gttacctcta cctcgcggtg ggaggtgtct gtttggtca catccctgag tgacttggat 240
 agcagtatgc tcacctccgc cttcgctca tttggtgatt ggatcaacca cggttttatt 300
 gtcagattgc ccactggggg gctatgcttc tacttcccta cagtctcttt aatcagtgg 359

<210> 1276
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 1276
 tagcctggct taatccacgt attgacttga acccggcacc tctgcatgct gggcacacac 60
 acatccacac aggtgagcac agtcgtgtgc acctgcacgt tacacaggtg aacttttctc 120
 atccaggcct gaggtttcca ctgcatctta aacacttagc cgaggtgtgt caggaccagc 180
 aatgttgtct ttgcggccct t 201

<210> 1277
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 1277
 gacttccggt cggcgtgagc gtgaggtgtg ggtgttcggt tctcaggtaa aacatggcta 60
 aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc 120
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgt ttaatgaaag 180
 atgttcaaga gatagcaact gtggtggtac ccaaacccaa acattgccaa gagaaaatgc 240
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300
 aaaagactct tctagaccag catggacagt acccaatatg 340

<210> 1278
 <211> 352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 1278
 gacttccggt cggcgtgagc gtgaggtgtg ggtgttcggt tctcaggtaa aacatggcta 60
 aaagcttacg gagtaagtgg aaaagaaaaga tgcgtgctga aaagagaaaa aagaatgccc 120
 caaaggaggc cagcaggctt aaaagtattc tcaaactaga cggatgatgt ttaatgaaag 180
 atgttcaaga gatagcaact gtggtggtac ccaaacccaa acattgccaa gagaaaatgc 240
 aatgtgaggt aaaagatgaa aaagatgaca tgaaaatgga gactgatatt aagagaaaca 300
 aaaagactct tctagaccag catggacagt acccaatatg gatgaacc aa 352

<210> 1279
 <211> 386

<212> DNA
<213> Homo sapiens

<400> 1279
cgttgctgtc ggctgggaga cagcagggtc acaggcatgg agaatggaga tggaggggga 60
gcccgggtccg tgggccccaa gagccgagcc ggacgagggg tggagtgggg agacgcagga 120
gggcggtgtc tagggctggg gaatggagtc gtgtctggca ccccgggtggg gactgtattg 180
gaaggcagcc cagaatgggc agcggcgagg agtgaacacc tggctgcagg tgacggcctg 240
caggaaggag gcgaagatgg ccccagggaa ccaaagaggc tttgccgacc cccgggagag 300
ggagaggtgg actgggaacc cctggccaaa ttccgagcag cctgcggggc agagctggca 360
gacctggtgg ctgaggagtt ggcctt 386

<210> 1280
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1280
gagcggagcc cggagcgtcg tggaaagcat tggacacatt tccaccatgc taatggcatt 60
ttaaataatat ttggcaatct tcccaatctt ttactgaaga aaactgtaag tttataacttg 120
aggactgaag tgtgactctg ccgattatca ggctttcaag atgaatctgg aaaaactcag 180
caagcctgaa ctcttgacac tatttagtat tcttgaagga aagcttgaag caagggacct 240
tggtatataa gccttttaaag cccaacacag atatactttc attgaagaac gctatggaaa 300
atataaacatc agtgatcctt taatgggtct acgagagatt ttgaacactg aagagaaaaa 360

<210> 1281
<211> 352
<212> DNA
<213> Homo sapiens

<400> 1281
gggctcagag gagagaactc ccagagggtc tgggcccctcc ccattcagag cattgagcca 60
gaccaggcct gtcgtggtca cctgcatgga atcttctccc tacttaggca ctgccaggcg 120
gaccatcttc tggatgagaa gggcagggca caatgtctcc tccagagaga gatggtacag 180
tctctggagc agcaggtaat gccagggcg tggagggtaa gggataggga tagtgcgcaa 240
aaccttctgt ccaccatgtg ccagaaacca agttcacctg ggacgagggc tggatataaag 300
gaaagaagag gagcggggcac tcccagggaa gaccgtagcc tgggcaaaga tg 352

<210> 1282
<211> 345
<212> DNA
<213> Homo sapiens

<400> 1282
ggagcggagc ccggagcgtc gtggaaagca ttggacacat ttccaccatg ctaatggcat 60
tttaaataata tttggcaatt ttcccaatct tttactgaag aaaactgtaa gtttataactt 120
gaggactgaa gtgtgactct gccgattatc aggcctttcaa gatgaatctg gaaaaactca 180
gcaagcctga actcctgaca ctatttagta ttcttgaagg agagcttgaa gcaaggggacc 240
ttgttataga agcctttaaag gcccaacaca gagatacttt cattgaagaa cgctatggaa 300
aatataacat cagtgatcct ttaatggctc tacagagaga ttttg 345

<210> 1283
<211> 360
<212> DNA
<213> Homo sapiens

<400> 1283


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ggagcgggagc cccgagcgtc gtggaaagca ttggacacat ttccaccatg ctaatggcat      60
tttaaataata tttggcaatt ttcccaattt tttactgaag aaaactgtaa gtttataactt    120
gaggactgaa gtgtgactct gccgattatc aggccttcaa gatgaatctg gaaaaactca    180
gcaagcctga actcctgaca ctatttagta ttcttgaagg agagcttgaa gcaagggacc    240
ttgttataga agccttaaag gcccaacaca gagatacttt cattgaagaa cgctatggaa    300
aatataacat cagtgatcct ttaatggctc tacagagaga ttttgaaaca ctgaaggaag    360
    
```

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<210> 1284
<211> 361
<212> DNA
<213> Homo sapiens
    
```

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<400> 1284
cgggggacgag ctggaggacc cctatcctag acagatgagc ttctttctgat atacacggga      60
ctcggggggac gctaacgacc taggagtatc caaccagcac cgtaacacac agaaccactt    120
caactcctgc tttctctcca tgtgtacaca atgtgacagg gacggggtag ataagacatc    180
tccttcaggt gaaacagcta cctcatccct ctgtagtgtc acaaacacat ccatgatgac    240
atcagagaag ataacagtga caacctccac aggcctccact cttggaaacc caggggagac    300
atcatcagta cctgttactg gaagtcttat gccagtcacc tcagcagcct tagtaacagt    360
t
    
```

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<210> 1285
<211> 379
<212> DNA
<213> Homo sapiens
    
```

```

<400> 1285
ttcgcgcccg caaattcttc ttcttccctc gtccctcctc cccaccctcg cagtttgac      60
tctataagaa gatgacccag gcggccatcc tgatccagag caagttccga agctactatg    120
aacagaagcg atttcagcag agccgccgag cggctgtgct catccagcag cactaccgct    180
cctaccgccg caggcccggc cctccccacc ggacttcggc caccctgcct gcccgcaaca    240
aaggctcctt tctcaccaag aagcaggacc aggcagcccg gaagatcatg agattcctgc    300
ggcgctgccg acacaggatg agggaaactga agcagaacca ggagctggaa gggcttcccc    360
agccgggact ggccacatg
    
```

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<210> 1286
<211> 384
<212> DNA
<213> Homo sapiens
    
```

```

<400> 1286
ttcgcgcccg caaattcttc ttcagccctc gtccctcctc cccaccctcg cagtttgac      60
tctataagaa gatgacccag gcggccatcc tgatccagag caagttccga agctactatg    120
aacagaagcg atttcagcag agccgccgag cggctgtgct catccagcag cactaccgct    180
cctaccgccg caggcccggc cctccccacc ggacttcggc caccctgcct gcccgcaaca    240
aaggctcctt tctcaccaag aagcaggacc aggcagcccg gaagatcatg agattcctgc    300
ggcgctgccg acacaggatg agggaaactga agcagaacca ggagctggaa gggcttcccc    360
agccgggact ggccacatg cctg
    
```

```

<210> 1287
<211> 355
<212> DNA
<213> Homo sapiens
    
```

```

<400> 1287
cagaagacat ctctgtggg gtgaaacagc tacctcatcc ctctgtagtg tcacaaacac      60
atccatgatg acatcagaga agataacagt gacaacctcc acaggctcca ctcttgaaa    120
    
```

cccaggggag	acatcatcag	tacctgttac	tggaagtctt	atgccagtc	cctcagcagc	180
cttagtaaca	gttgatccag	aaggacaatc	accagcaact	ttctcaagga	cttctactca	240
ggacacaaca	gctttttcta	agaaccacca	gactcagagc	gtggagacca	ccagagtatc	300
tcaaataaac	accctcaaca	ccctcacacc	ggttacaaca	tcaactgttt	tatcc	355

<210> 1288
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1288						
attggaagaa	ccaacatcta	taagaataaa	aaagattatt	atgatatgta	tgagccagaa	60
gaagtgaaaa	ttttcagatg	tccatctcct	atctactttg	caaacattgg	tttcttttagg	120
cggaaactta	tcgatgctgt	tggttttagt	ccacttcgaa	ttctacgcaa	gcgcaacaaa	180
gctttgagga	aaatccgaaa	actgcagaag	caaggcttgc	tacaagtgac	accaaaagga	240
tttatatgta	ctgttgacac	cataaaagat	tctgacgaag	agctggacaa	caatcagata	300
gaagtactgg	accagccaat	caataccaca	gacctgcctt	t		341

<210> 1289
 <211> 301
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 1289						
atcaaaagga	gacttaagtg	attgagaaaa	acatagtgga	atccggaaaag	aatgacacct	60
gaaacaaaga	tggtgagtat	aataacccat	ctatcctgtg	tgtggttggt	ttttctcaga	120
atgagggaga	agctataaag	caaatatcct	tatctttatt	tacaataact	cataagtaat	180
ataaacactg	acttggctct	tattataact	gtatctaggg	taccatgaac	tttgagtgac	240
tgagtgaaga	tggcagaccc	atactgtatc	taactataga	cactttttga	ccaataaaca	300
n						301

<210> 1290
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 1290						
tagtggtttc	attcccagat	gtcaagcaaa	gaagtggagt	tataaatttc	tcgactagat	60
aaacctacaa	cagcttagaa	tacatttggt	ttaaaatgtg	attaaattat	tataataaag	120
ttctcataac	tctaggacaa	aactactatc	tttgtagaag	gtatacattt	tttccttat	179

<210> 1291
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1291						
gtttaaaaca	ttaaaagtaa	agggttatat	aaacattcat	aagaatatta	aaatgtgctt	60
caaagtaaac	atcaggtaca	tcaaaataaa	tttaaataat	tagaagtcac	tttaggcata	120
aataaaaatg	ctatctttca	tttatccgta	tgcctaaaat	tgtctcttct	aagcggaaaa	180
aaaccacttt	gttttaacaca	gatttttccct	tattgttaatt	agaaatgcag	atggaaaagac	240
taaattaggc	aatgggtgac	aggaggaaag	acatttgctt	taaaatcgct	gggagtgatt	300

tcaagttcaa atc

313

<210> 1292
<211> 332
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

<400> 1292
agtcaccctg agagtgaaac agatacaaag agagaatgac cctcacagct acagaaagaa 60
atgaaatggg gcaggagaag agggggaaga aagctaaata actgattttt ttaagaatgc 120
cagattaagg cggggcgtgg tggctcacgc ctgtaatccc agcactttgg gagggccgagg 180
tgagtggatc acctgaggtc aggagtttga gaccagcctg gccaacatgg tgaaaccccg 240
tctctactaa aaatacaaac attagcaaga tgtggtgtca cgtgcctgta atcccagcta 300
gtanggaggc tgaggcaaga gaattcgntg at 332

<210> 1293
<211> 322
<212> DNA
<213> Homo sapiens

<400> 1293
taaacagcat catatagtgt ataatgaatt acaatttgtt attatttaac ggtgcaatta 60
gaactttttt tccccacata ttggtacctg taagttaata tcatcctctg taattattat 120
atagcaatct ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg 180
gatggatata aagaatagaa acaggtacag ctgtggagaa tgcaaccatt taagagtggg 240
acagaagtta tctctgcaga ctgtctggag aataaagaaa caaaggaaca gaagctactt 300
ggaacagaag tgttgatgga aa 322

<210> 1294
<211> 332
<212> DNA
<213> Homo sapiens

<400> 1294
acttcaaato tatattttgg gccctgagct gttgccaca tttcactcac aatgtaatac 60
tcagaagcct gactgctttg tctctacctt gtcttctctg cttctgtaat catttttccc 120
cttttttaaac cttttacttt gaataattca aatttataga aaagttgcaa taactggcca 180
ggtacagtgg ctcatgcttg taatcccagc actttgggag gccaaaggcg gtgtatcacc 240
tgagggtcagg agttccagac cagcctgggt aacatatagt gaaaccccat ctctactaaa 300
aaaatacaaa aattagctgg gcatggtggt ga 332

<210> 1295
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1295
gtatgtaata agaaaattaa ctctcattta agttagtgat ataattggaa aggaagtagg 60
agaaaatcat atttataaag aaaaggataa acttaagggt gttactttt tataatagct 120
ctaaaatato atttgtctct acctgtcttt tagaaggcag tagtatcctc actctcagaa 180
cttcaaaatt aagcaaaaca catagatact ggaaaagtcc ccttagcatc tccccttagt 240
aatgccttct gagaataaaa gtttagtcca aattccagta tttatcaaat tcaactgggc 300

aagaatgccca gcttctaaac attg

324

<210> 1296

<211> 310

<212> DNA

<213> Homo sapiens

<400> 1296

gtttcactgt	ggtggctagg	ctggtctcaa	acttttgacc	tcagatgac	ctccctgagc	60
caccgcgtga	gccaccagcg	tgagccactg	cgcccagcca	aaagctttta	cacatctttg	120
aaaagtcttc	tgtgtgataa	ccattttgtt	tcttatatat	gataaaaagct	ttaatctggt	180
agataataag	aaaattctga	agaataacta	tgattgtgct	acatattaat	atcaattatt	240
ctctgccaa	aattgcatat	aacatactta	atactaatat	taaatatatc	tttcttttcc	300
ttcaattatt						310

<210> 1297

<211> 308

<212> DNA

<213> Homo sapiens

<400> 1297

gggacaattt	gacatgtatg	taaaaagctt	taaaaatgta	atgtatatta	cattatcata	60
catattaatg	tatattacat	ttaccctttg	actcccacaa	ttctactatt	aaaaatgtat	120
cctatgggga	ataattacgt	tttaactata	aagctgcgta	aaaatcaaac	tccgcaagaa	180
tatattacaa	accagctttg	aaactattaa	ttttactttc	ttttatagat	tttcagtgc	240
tctttcacaa	ggaccaatta	tttttaaaag	agttatttta	atgtagttaa	caatagggtg	300
aatttaaat						308

<210> 1298

<211> 207

<212> DNA

<213> Homo sapiens

<400> 1298

tggtacaggg	agaagtctag	ctcctgacca	ggctctgatt	tcctcggccc	tgccctattc	60
aagttcctca	aattccttga	ccccaaccct	tgccccataa	gaaacctccc	catgaccctg	120
acctgacag	agaactggcc	gtgaaaattt	ttgcattgac	aacagatatt	ggaatgcagg	180
gtttccctat	ctacttcagg	ccccttg				207

<210> 1299

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1299

aatccattct	cacaaaataa	agcaatttta	aaattaaaa	taggtgggtt	cattctattg	60
cttatgatca	aataaaaacat	ttctctggct	ttttcttgca	catagacata	atccaagtat	120
tttttcacat	gacctacaaa	tctctgaatg	atttggtctt	ttccacttct	ccagcatcat	180
cgtctacaat	cattactaca	tccttttctc	totgcactga	cagcttcttc	caagcttttt	240
tctgcctcca	gccctttgaa	ttttctcttt	tcttttcttg	atcttgacat	agctgagtct	300
ttttctttat	taaaattgta	gacacagcag	catt			334

<210> 1300

<211> 300

<212> DNA

<213> Homo sapiens

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<400> 1300
ctaccatttt aaattaattt agcattgggc tgttacaaag tgcataata ttagattcag      60
aagaattggg cttcagttat acttttgtca ttttctcaat atgtaaccta ggataaatcg      120
ctccctcttt ttcaaatttg atgtgtacaa atgtaatatg aagtacttgg caacgtcagg      180
aacatttgat aaggcaaggc atataaagat atgtgtgtag ccaggcacgg tggctcatgt      240
ctgcaatccc agcccttggg gaggccgagg cgggtggatc acctgaggtc aggaggtcaa      300

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<210> 1301
<211> 327
<212> DNA
<213> Homo sapiens

```

```

<400> 1301
tccaaatgag gcaccattca tcacagcttc tttctcattt ccacttagtg ggtaagaggt      60
ttctcttctt aaaactacaa tttcttaacc tttacaagtt atttaacatt ttctatcata      120
ttaaattagc aacataaaac attatccttt atctataaac ttctagtctg gttccctaga      180
gtttatatac acgtttttat ttctaactcg caagaaaaaa aattcctatt tgttatttgg      240
taacagagca ttaaaagata ctataacat gtggtgcata tatatatata tacacacaca      300
cacacacaca cacacaaaat acacttt

```

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<210> 1302
<211> 149
<212> DNA
<213> Homo sapiens

```

```

<400> 1302
ctcacacccat gaagtcaaac cctcaaagat ctacagcctc agtgaaaagt tggataagaa      60
aaacagtctg ctcaccagca ctggacgaca agaaggaagc ttatctgact ctggatgaca      120
aggacggggg aaaagtctct tctaagaat

```

```

<210> 1303
<211> 334
<212> DNA
<213> Homo sapiens

```

```

<400> 1303
ggctgctttt tactcctttg aaaatattat ttcattgcatt acttctcggg agtacaattg      60
aatccttttc tcattttcct agacagttaa tgcgcactgg acctaaaacc tgaaaaggta      120
atatttacaa atttgaacac atatatctgc ctctctgaat atctccattt aaatgtctct      180
taatgtctta tcagctcttg aaaataatta gcaaattgag tagatgcatg acatcataat      240
ttctgatctc acctcaaaga acaacaaaag tctactatga attcaatagt gaattttaat      300
gatttttgca ctgcattcat tacatctata taca

```

```

<210> 1304
<211> 333
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

```

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<400> 1304
acctattttc ttattgtttt cctgcatatt ttggaatgat atcttgagat tcgtgcttta      60
tgccaaagcc tcacttgatt agggaatatt gagtataaac cattgagaaa gcaacagtct      120
cttgagtttt actaattggg gtgtgtgggg tgtgtgtgtg tncntntgtg tgtatgcata      180

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tgtggatatg	tgtatgtata	ttaaagatat	aagtaagaat	tttggaatat	gaattatatt	240
ttgggtttaa	aaaagagggg	agtttttagtt	gtgttagtta	tgtaataaaa	ttgggtttaa	300
aattagggtg	aagtgggggg	ggtattttgt	tag			333

<210> 1305
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 1305						
cacttgtttg	taaaaggcaa	gcagaacaca	cagaaagata	attgagttga	attttagcag	60
tatgctttct	gcctacacat	taaagaataa	attattaaga	cagaatccac	agacccccca	120
aggatatttg	aacgtacatt	tttctgatga	gatagcacia	cactttgagg	agatgctcag	180
agaagttcat	gacctttgac	aagcaatttc	tgcattaggg	aatatacttt	aagattttat	240
tctcagaata	cttcaaaaata	agctataatg	gtaacaattc	cctaaattca	aggattttctc	300
atgaattatg	ccn					313

<210> 1306
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1306						
aatgaccaca	tttcacaatt	gaacagggga	tattattttca	tactataata	ttattttcaaa	60
ctataataaa	gaactggctc	ctgtagaaga	gaagggaaat	tattttctat	gatccaaaga	120
attgaaatac	atatcagtta	tagtaagatt	caattgtagt	agcaaaaaca	attggaaact	180
atttaaatgt	gcatcaatac	aggaaaatgg	tgacatgtac	tgtaatacat	ccatacaaaa	240
gaatactgtc	ggccatttaa	agaataaaagt	acatccttgg	ctgggtgtgg	tggtctaacac	300
ctgtaatccc	agcacttttg	gaggctgagg	g			331

<210> 1307
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 1307						
attttaacag	caaatatctt	tctttgttag	tgattttaa	cagctgacta	taccttgctt	60
aaatccagct	tctcacaaaa	tagaataaac	agcacatgg	tttatgattg	caccaaata	120
ttcttaaaaa	ttttcccttt	gataaatatt	gtttctacct	atgtagacat	aatgtggcga	180
tttgagaggt	gacattagct	tatgatcaaa	taggattcca	tgactgaaaa	cagaagggaag	240
atactttctt	tcttttcttt	tttcttttct	tttctttact	ttccctttct	ttcatggagg	300
tgtacttttg	ctgcccaggc	tgggaattgag	tga			333

<210> 1308
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1308						
tcgaactcct	gacctcaggt	gatccacctc	gcctcagcct	cccaaagtgc	tgggattaca	60
ggcatgagcc	accatgccc	gcctactcct	taataagtgt	aaaatatctg	tgatgaaaca	120
acttagtctt	taatcaaaca	atataccgta	ctgtatctta	ttttttttaa	aaaatccaaa	180

<212> DNA
<213> Homo sapiens

<400> 1313
tacgttcttc taaaacacat attgtgaatt aatagaaata ctattgaaaa attggaaacg 60
taatttgaaa tcattcaaaa gcaaacgcct ccacttgagc cctattagag gaatatgaac 120
aaaat 125

<210> 1314
<211> 315
<212> DNA
<213> Homo sapiens

<400> 1314
atatctcata tactccataa atatatatac atactctatc cacaaaaatt aaaaataaaa 60
aaatagtaac aaagtttttc taaatttaaat agtgtttttag aaattaaaag agaccaaga 120
ataaaaggaa aggtgaacta agagagatat aggttaaaaa gaaatataag agaaataagc 180
tatgtaagag atacaggccg ggcgcggtgg ctcatacctg taatccaaca ctttgggagg 240
ctgaggtggg tggatcacct gaggtcagga gttcgagacc agcctagcca acatggtgaa 300
accctggctc tacta 315

<210> 1315
<211> 317
<212> DNA
<213> Homo sapiens

<400> 1315
cttattgccc actottacca atttgacaga gacttctgaa gataattcgc aattctaatt 60
aagggttttct gaaacagttt tggcggtggg tgttttttgg tgtgtgtgtg tgcattgtgtg 120
tatgtggtgg tagtgatttc taaaatatat agttttaaac attgaacagt aaaggtagc 180
aatgatatct cttttttctc tgtgatttac tgtgctttct aatgttctac atttattgta 240
tattgacttt atagtcacag aaaacatggt atacaactat gtagatgtat tttcgaaggc 300
acgcattaac ctatcag 317

<210> 1316
<211> 322
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 1316
taaacagcat catatagtgt ataatgaatt acaatttggt attatttaac ggtgcaatta 60
gaactttttt tccccacata ttggtacctg taagttaata tcctcctctg taattattat 120
atagcaatct ttagataaac tgatttatta gttgcctatc aatttatacg tagtaccagg 180
gatggatata aagaatagaa acaggtagag ctgtggagaa tgcaaccatt taagagtggg 240
acagaagtta tctctgcaga ctgtctggag aataaagaaa caaaggaaca gaagctactt 300
ggaacagagg tgttgatgga an 322

<210> 1317
<211> 337
<212> DNA
<213> Homo sapiens

<400> 1317
 tggagggtgc cggaattatc tggaagatct gggagcgtct tcactcatac gtccgggtgc 60
 tgggctggat gactccacgg ttgtgcgcag ctggaggaca gctgaccgga gtgcccacac 120
 gtggcctctc tgtgtgactt gggcttcctc acagcatggt ggtctcagga caggcagact 180
 tcctgcatga cgtttgggtc atcaaacaag gcagaagggtg aatcaccttt tatgatctag 240
 actcagaagt tgccctctatg ctggagtgcg gtggtgtaat tatagctcac tgcagccttg 300
 acctcctgga ctcaagagat actcctgcct cagcctc 337

<210> 1318
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1318
 tcatgaaata aagcgtagaa gttagtgcac gaatttggtc tgggcggttg ttttaatat 60
 ccagcatttt gtttctattg ctaactgatg agaaatgctt taaacacata cacatgttct 120
 gatgtgtatg tgtgagactt gcgtttccca acgttgcata acatatgcac aaataagtgt 180
 aagatagtgc aaaataactg caaatagctt tatcttacac agaaagacag gtgaacagct 240
 cgtctttaat cttaagcata acatttggtt tggtaatctt ataaagattg cttcttgcac 300
 atttttaaag aaaaaatgtg aaa 323

<210> 1319
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1319
 gaggttcatt aaattgtaaa aggtcactca gctctttaag tggaagcatg tggattttac 60
 ataggtatgt taaaatcctc ttacacagag cccagacttt ccaaggttta ttctgtgtgt 120
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gctcaagttg aggccaggg tgctcacact 180
 tgaaagagag aggctgctcg gggcaatata gatctaaccg ggggggatat agaattgaat 240
 acgcaatacg acaagacctg gcttacgttg tgaaatgaac tatctcttcg gtgtgcacgg 300
 tgacacacgc ctgttattct agg 323

<210> 1320
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 1320
 ggtcagctgg aaggagcgtc tacaaaagaa tottaatagt attccctata tcattaatga 60
 agacaataat ccacaggtat cagcagtagc tgtctttatt accaatagac agcattaaaa 120
 atgttgacat taccattctt gcagataacc tggatttata ttcattcaatt cattgaacta 180
 atcaatttta aaattaaggc caggcgtggt ggctcacacc tgtaatccca ccactttggg 240
 aggccgaggt gggcagatca cctgagttgg gagttctcga gaccagcctg gccaatatgg 300
 cgaaatccca tc 312

<210> 1321
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 1321
 ggtattacat cttgtaaagt ggcttttccg gtatagcttt taactgcttg tggattatat 60
 atgtgaagga aagtctgatg gcatgatagg atgcttacta ttggagggtg catgttataa 120
 tgctatctct 130

<210> 1322
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 1322
 gagccctcct gggctaagcc caaaatttgg ggctcccctg caatggatca gaactgtggt 60
 ctcagagggc aatttggaac ccaactggca agtgaaaaat tttaacagtc ttacaaaatg 120
 ttagcacaaa gctttcatga tctgagtagg taatcttaac tcatttcacg tgcctctgca 180
 gatgcaaatt ggatctcaat tatttattta tttatatatt ttgagattga gtctggctct 240
 gtcaccacga ctggagtgc gaggcac 267

<210> 1323
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 1323
 tacattgttc aggtcttctg tgttcttacc caggccccac tcaacctttg agctattcca 60
 gtatgagagt gaattagacc tcccactatc acggtcttac tgtcatttct catggcatta 120
 gtcttaatat tttttatatg gtaattctat gttcaagact gtgaacatat tcagggtcca 180
 agttattttg tgttcattaa aaattttact ttgaatcatt atgaatagtt cctagggtga 240
 gcttcgggct ccctgacccc agagcagttt ccatttgcac gtgttgacca tattctctaa 300
 cccgtcccat aaaattgatt ctactatttc ctgc 334

<210> 1324
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 1324
 gaatcaacgg ggagtgggtt aaggccatta ctgagaggca cagagctacc actaatgaag 60
 ggggtgcatg ggcatagaga agccttctga acaactcagc ttcaacatg tgcaagaatt 120
 actttgacaa aaaaattaca attttctaatt ttaaaaaaaaa attactaagt tattgggctt 180
 atctaggctc tagattgggg gatatgaaaa tcatattcaag taattatctc atagtatttc 240
 atcccactga ctacaaggct acaagagaaa cctcccttgg gagaaaatga agaaaaatat 300
 ttaataggga aacagactaa tt 322

<210> 1325
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1325
 gcatcttcat tactgaaaat ctaatttgtt tctcaaaatc ttcgctggaa atattgaact 60
 ggagcagaga attaaattag ctcaaattca aatgtgggtt gctgtcattc gagcaaaatt 120
 ggtctctctc ctgaatttct acaacttcct gtccattatt ttggtggact ttcctgagga 180
 aagtggtaat ttgctgaaat caaaacataa taaaaaatggc ccccatthtc taggatctta 240
 agcaggtgga actgacttta ttcaaattcc agaggaaaga tgagacacag acttccgttc 300
 tctgagctgg cca 313

<210> 1326
 <211> 332
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

<400> 1326
 ggatgggtag ctggataaat agatgagttg gaggtagatg tggggagaga aaanactcan 60
 cggggacgga aagcacaggg aggaaaaatg gccaccagag ataacagagc agcctatgct 120
 aattaatgat caactgtgtg tgggttttttt cttttccccc cctgtttatg ttcttccttg 180
 ttcttccttt ctccctagct tttcttccat ctctctctct aatttcatag tttcccatcc 240
 cattttaaat ccccaactttt ttctccgctc cccaaatcct tctccactcc ttctcctttc 300
 tctctctatc acttccctct ccccatctc cc 332

<210> 1327
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1327
 catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttctcgtga 60
 gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gctttggtga 120
 aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaca 180
 ggcacagct ttatagtaat aatcgtagag catttattct gcacttccta tatgccaggc 240
 tttttactct tttatgaaca acatctcact tgtcacagct tgaggctgta agttgaatta 300
 tgtgttgctt actaaagata ctggaaatta 330

<210> 1328
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1328
 ttagtatgct ttggaaataa ataggatttt aacctccagg gaaaatcaaa ttgaaaaaga 60
 aacttttgtc aataatttat tcaattcaat ttaacttctc tctgccttta ccataatcaa 120
 aatttctggg cactcaaaat tggaatctga taaggctaag aaaacaactt gactgatcac 180
 acagcagaag tagctgtctt gaactttttc tcatgtactt attgtccaca tgtatgtctt 240
 cttttgaaaa atgtttatat tctttgcca ctttttaatg gggntgtttg tttgtttctt 300
 atatatattgn tgaagttcca aataggaaga a 331

<210> 1329
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 1329
 catatgttcc tccaagtcta ggaaccattg ccataaatat caaccgcctc ttctcgtga 60
 gaccacagta actatgggat gatacaataa gggcaagatg aaagatcaaa gctttggtga 120
 aggaaagata atggaataaa agacacggct gtgtatcctg taattaccac tatacaaaca 180

<210> 1334
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 1334
 tcatgaagca taacatagaa ttgaatacct gtggagcaca aaacaaataa caaactatta 60
 ttaatatcat tgaaataaatt cctatgtttc ttccatgtct catgctgtca tctttcctgc 120
 atcctcactc acagaaaacc atttgtacgt ataatttggg tatcttgctc ttctctttaa 180
 taattttatt accca 195

<210> 1335
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 1335
 tatggtatgg gagaaagaga gagaaagagg gcaacacgcg cacacacaca cacacacaca 60
 cacacacaca caaacacaca cacacacccc cctgtgtgta acccagctga aaaagatctg 120
 aatcagccag tgggttatgag agggacaaaa attgggggtat ggggggtgtca caggggactt 180
 ttttttcttt ttctctcaca tctctgggtgg gaggaacttt tgccttttct ttagttgtgt 240
 cttctatttt gttttctcag gaactggctc agcacagtat tttcttaaga taggttcttg 300
 ctttgtcacc gaggctggag tgcannggcc 330

<210> 1336
 <211> 308
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 1336
 agagtaattg tgggtgcacct aatttagaag cttttgaaca aagattatca ggaggttaagt 60
 gaatgagtct tggaaatact taggagaaga gaattccagg gcagcggaca agcaatgcag 120
 aggcagaagc ataccaatth gtggaagtgt ttggagtgca ccagagaaga gaagcagaaa 180
 agaggtaatg ggggcagatc tcaaaagcct catagatcac tgtgttattc tacagaaatc 240
 tatgaggaca taaatatatg agtacaaaaa tgttcttgca gcattgtttg taagcagcan 300
 aaaattaa 308

<210> 1337
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 1337
 agatacagcg agattccctt ctattgttta catgtcacgg atgaaaacaa aatacgttag 60
 tcacttttaa tcagttaaaa acattgaatc aaaacaatct tgttgctcag ttcaaaactat 120
 cttcttatcg attattgggtt ttctctaat tataacacca caaaaaatag ctctctgag 180

tgaaatcata taatagaaaa tgacagataa tc

212

<210> 1338

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1338

gagaggaaca	gtgggcgcaa	ggaagtcagc	ttctcagagc	tcaagagtag	atctgagttt	60
aactcattaa	agatggcatg	gaagagcagt	gtcataatgc	aatgggaag	atttcttctc	120
ttagtaattt	tatttctgcc	acgtgagatg	acaagttctg	ttttaactgt	gaatggtaaa	180
actgagaact	atatacctgga	tactacacct	ggctcccaag	catctctgat	atgtgctgtt	240
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<210> 1339

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1339

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caacaactgc	atttattcta	tggttcaggc	tcacatctat	gagtgcact	tcttctaggc	180
tgaagcagga	gaattgcttg	agcccatgaa	gcataggttg	cagtgagccg	agatcattcc	240
attgcgctcc	agtctggcga	cagaacaaga	ctctgtctca	gaaaaaaaa	aaaaaaaaa	300
attgcggggg	cggtttttat	ctaaatacca	cc			332

<210> 1340

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1340

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gtctctacag	tagccacggg	caccgcagcg	gcctcagagc	agaaggcaca	gggtactacc	120
agggaggcat	cgcagggcgt	caacaccgag	gacctgaggc	caccgccttg	agccacgccc	180
cgtgcaggag	cgggtcctgc	gcgttcggcc	ccgggaggcg	gcctgcagaa	accgtccaaa	240
gggctggcct	tggttgctcg	gcacacctct	gactgggccc	cagtttctgg	agggcagggtg	300
tggggaaggc	ttgtccc					317

<210> 1341

<211> 244

<212> DNA

<213> Homo sapiens

<400> 1341

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ggtagacctg	ggaaggggac	acagaggaga	aaggcaggaa	cagagacaca	aagaaagaag	120
gagacagctg	cagagggcca	ggcacagtgg	ctcacaacta	tgatcccagt	actttgggag	180
gccgaggcgg	gcagatcacc	tgaggccagg	agttcaagac	cagcctggcc	aacatggtga	240
aact						244

<210> 1342

<211> 333

<212> DNA

<213> Homo sapiens

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<400> 1342
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tgggatctgg tggctcagcc ctccctttctc cttaagggtgc ccataacaag tatacattga 120
gtcaaaaaaa aaaaaaaaaa aaaaaacccg ggggggggcc ccgggggaaa aactttaatt 180
ttttttggaa accccctttt ttgggggggt ttggaaggcc cttttaaaaa cttttggggg 240
ggccggggaa ccttttttaa cccaccctt tggggccccc cctttttttg gggtttccaa 300
ctaaccacca atttgtggcc ccgggggtta aaa 333

<210> 1343
<211> 327
<212> DNA
<213> Homo sapiens

<400> 1343
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aagcgcacaa tgggtgaagaa aaggctgcct tctagtgaca cgggtgttccg gtttgagact 180
ccgggcagcc caaggaaggc cagcgtggag gcctcacgca gctccacaga cagccccagc 240
tcgggtgttc tcagctcaga ggctgagaat ggtgtggagg agaaaaagaa agcctgcagg 300
tcgccaacag cccaatcccc tacccca 327

<210> 1344
<211> 325
<212> DNA
<213> Homo sapiens

<400> 1344
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cacgctcggg cataagtagt gccggaaagt tagctgcga gacctgggtg attgcttttc 120
gtttatcagt gcaggaaaac agcgctatag tactgcgtca caactagcgc agactccggc 180
agtattttaag cgggtgcggt tgggaactag aatccacttc ctgtcttccg cctcaggcta 240
gagggcgagc gcttcgccgt gggacttctt ctgcctggct ccgcctcttg ccccggaagt 300
actcacagcg gacggtggtt ttggg 325

<210> 1345
<211> 325
<212> DNA
<213> Homo sapiens

<400> 1345
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taccctactt gcagccacca cctagggcca aaatgtgctc ccagctgcct attacaatag 120
acacaactga aaccatgtcc accctcctca gcaacagggt tgcaatgcag ctgctattac 180
tcaagcattc aactgggcgc ccaagcattc cactggatgc gtggggatca cccacctct 240
gcctaccaca gccagcaacc acattactac tagggatatat gagaacaggc ctcctggac 300
aaggtccacc ccaaacctcc atgcc 325

<210> 1346
<211> 313
<212> DNA
<213> Homo sapiens

<400> 1346
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gcattcagag tggagccgag ctatttagct cttttttctt gtcttttttt ttttttttaa 120
aaaggggttt ctttttggcc cccgggctgg agggcggggg gcaaataaaa actaatggag 180

gcttctactt	ccccaggata	acagaattgc	ccatthttcaa	cctcaggaga	gagggggaaa	240
agcgggcccc	cccacatggc	caaaataatt	tttgthtttt	ttcaaactac	gggtgttatc	300
acaagaggct	ccc					313

<210> 1347
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1347						
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aaaagcttac	ggagtaagtg	gaaaagaaaag	atgcgtgctg	aaaagagaaa	aaagaatgcc	120
ccaaaggagg	ccagcaggct	taaaagtatt	ctcaaactag	acggtgatgt	tttaatgaaa	180
gatgttcaag	agatagcaac	tgtggtggta	cccaaaccga	aacattgcca	agagaaaatg	240
caatgtgagg	taaaagatga	aaaagatgac	atgaaaatgg	agactgatat	taagagaaac	300
aaaaagactc	ttctagacca	gcatggac				328

<210> 1348
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1348						
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ctgaagtgtg	actctgccga	ttatcaggct	ttcaagatga	atctggaaaa	actcagcaag	180
cctgaactcc	tgacactatt	tagtattcct	gaaggagagc	ttgaagcaag	ggaccttggt	240
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<210> 1349
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1349						
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aaaaatgttg	tgaaaaacaa	gatgacacac	caaaagagca	catctggaat	ataaggtcca	120
tgatgaccac	aagctgaccc	caagaatata	ccacgaagtt	ttttacattc	ctggaaaaaa	180
ggagaaagaa	aaagcagaat	ggggattcct	acgtattcaa	taaattatta	tgagcttcat	240
tgactcgtaa	gatgcaactg	attgtaagag	gcaccattac	tttgcatccc	ttataaaagaa	300
aaaacattgt	ccagccaact	atat				324

<210> 1350
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1350						
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tattttataaa	ccaaatatga	gttgcttgat	tatgtttcaa	atattaatca	tgttctgtgt	120
agaactcctg	gaatataata	tacagcagaa	gcagtctcaa	atgctggaga	tgcaagtggg	180
gctcagcagt	atgaaaagaca	gagcaacgga	actgcaggag	cagctgagtt	ctgagaaaat	240

<213> Homo sapiens

<400> 1355

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caggcaatgg	ttataattaa	aatgatatgc	tggtgagaag	ccactcttaa	gagtccagtt	180
tgttttaatg	ttatgggcag	ctaccaatth	ggggcgctct	tgtatatttt	tggaagatt	240
ctcatttttt	atgcttgaag	tatttggtga	aaagatgttg	gttgaccata	att	293

<210> 1356

<211> 308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(308)

<223> n = A,T,C or G

<400> 1356

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aataaagtct	gattaataag	ctatgtcaca	gagtagtgaa	ttttccgaat	gagtgttgat	180
tatgatgtta	cagagaaaaa	ttatactcat	gttaaccaga	ttgttgtaag	tagtgcaagt	240
ccaaatcatt	cttagtggtg	tttttggtg	tctcacgtac	actggccaca	tctaagaatg	300
aaataatn						308

<210> 1357

<211> 302

<212> DNA

<213> Homo sapiens

<400> 1357

gagtcgtgta	ataaaacaat	aaaagccgtg	ggtttttatga	acagtttcag	tttggatttt	60
caagaagcaa	aagaagggtg	caaaagaacg	accaaggaat	aagaggcttt	cagaaataac	120
caagaacatc	aaaaataaag	aggactttta	caagtgaata	atgcagtaat	caaaaatgaa	180
ctcaaaagag	agattaaata	gattagacac	aactgaagag	aaacttagta	agtgaagaag	240
tctatcagaa	gaaattatgc	ctaatacatg	gagacaaaaga	aatggaaaat	attcaagagg	300
ag						302

<210> 1358

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1358

acagtgaaga	ctctgggtca	tgctcagaaa	ttccatttat	tgaactactc	tgaatttgct	60
gcctctgtca	atcaaattta	atatttcaac	tgacataaaa	aattgagcaa	tttttgtttc	120
cactttatth	ttctttttaga	acctgacctc	gttaactggg	gactgctact	aatgtcaaag	180
ttatccgatt	tttgataagg	ctagcgggtc	ctgccatttc	atttagagtt	tattccgcat	240
ggtgtatgca	attgtttttga	atggcatggt	aaagatgttt	tattaaccct	aagaaataag	300
agatccaat						309

<210> 1359

<211> 303

<212> DNA

<213> Homo sapiens

<400> 1359
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 tgtcattaca ttttttaatg agccactcag cattccaacg aacaacccaa tacatcattt 180
 cctctattaa ttggtgcagt taatttgaaa actgtttctca gttctatatt tatatgggaa 240
 atattaagag tccatctcct tgctcctttt tcattaattc cacacacatt catggagcat 300
 cac 303

<210> 1360
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 1360
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 aagcttaaaa tacaccatga gccaacatta tatgaagcaa actaaacata tctagagatg 120
 cagcttggcc catggactat tcagttttta cttctgcttt aaaggatgac gctcaattgg 180
 cagttcatat atacatatat atatatatgc gcataaaatt cacagacctt tggtttacac 240
 ctgactctgt gacttaccaa ctgtgtgggc ttgagaaaga tgcctaacct ctctgagcga 300
 aagatgg 307

<210> 1361
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 1361
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 gtacttcaaa tctatatattt gggccctgag ctgttgccca catttcactc agaatgtaat 120
 actcagaagc ctgactgctt tgtctctacc ttgtcttctt ggcttctgta atcatttttc 180
 ccctttttta accttttact ttgaataatt caaattttata gaaaagttgc aataactggc 240
 caggtacaga ggctcatgct tgtaatccca gcactttg 278

<210> 1362
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 1362
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 tgctacttaa tagaaaatgc tttattgaca tttatgttct ttacctaatg atgtggattt 120
 aaatgatggc tgtcatcttc attagaactg actgtcgaaa gagtaccagc aatgacaata 180
 ccgaaacccg gtctcatttt aattggggcaa accgagaaac ataacattgg gctgaacatt 240
 tcaccaattt gactaccac 259

<210> 1363
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 1363
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 gtgctgaaaa gagaataaag aatgccccaa aggaggccag caggcttaaa agtattctca 120
 aactagacgg tgatgtttta atgaaagatg ttcaagagat agcaactgtg gtggtacca 180
 aaccataca ttgccaagag aaaatgcaat gtgaggtaaa agatgaaaaa gatgacatga 240
 aaatggagac tgatattaag agaacaacaaa agactcttct agaccagcat ggacagtacc 300

caatatggat	gaaccaaagg	caaagaaaaa	ggctgaaggc	aaagcgagag	ataagaaagg	360
ggaaaagcac	agcaaaagca	gtgaaagtgg	caagggggtt	ggcctggtat	actcg	415

<210> 1364
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

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gaattatttta	atttacagta	ttttgataac	ttcaaagctg	gtaaaatgaa	attagagcta	120
tctgcttggtg	ctcagaaatc	aattctcatc	aaataatatg	aaattatggt	atctaaaagc	180
atttacacct	tttaagtaca	gacaaatgag	aagtaaggag	acttaataca	ctgtttgcc	240
attgatgaca	ctggccacaa	acatcccact	ctttacaagc	agtaacaggg	aagggagtct	300
tttgaaaaaa	caatttgngc	cgggcatggt	ggctcacgcc	tgtaatccta	acacttttgg	360
aggccgaggc	gggccgaaca	cgaagt				386

<210> 1365
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1365						
tttataagta	tacctggaca	gaagaaatac	aagataccgt	tctattaact	caatatagtg	60
ttgctaagtt	cgtacttggt	cttggtttat	tttattttat	aaataggtat	cactcgcatg	120
gttccaaatg	cggtaggcac	agagagtata	tatgatggaa	ttacatcctc	cttccctgca	180
ctcagcaacc	gagatcatcc	cgctacgggc	actcaaaggt	ttcattgtct	gaaatattag	240
cctaaacgta	gtttatggtt	aggaagcaac	aaccgtaaat	aggccacat	ccaaacggag	300
tggatttagg	tttcaactttt	tcaaggaaaa	accatcaaag	aattttttcca	catacttata	360
aaccatccca	cgtataga					378

<210> 1366
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 1366						
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tttatgtact	caaaaataat	agaaatgcc	tttttaatat	ttaccaataa	cctattttaac	120
ttagtaagga	actgcttccc	ctgggggtta	gaaatttgta	cacagccttc	tggatacaaa	180
taatctttat	tttaattaatt	aattttatttg	ttttttgaga	tggagtcttg	ctctgttgcc	240
caggctggag	tgcagtggct	cgatctcgac	tactgccat	ctcgccacct	gggttcagggt	300
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ccaactaatt	tttgtatg					378

<210> 1367
 <211> 395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(395)
 <223> n = A,T,C or G

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 catatggtga aagtcattgg agtggagat agcaaggagc ttggaaattg aaaaggaatt 180
 cagaagttgt tgatgaactc tgaagttatc agcatggatg gttgaatggc atcatagaca 240
 actatctaga gagacagtac ttgctttact tttggaaatc agtgtgctgg cattaaaact 300
 cagggacttg aaaatgatgg acacagocaa agaatatagt atggtgcctg ggggtgtangg 360
 agtggaggga gatattcatg cattctgtaa tctgg 395

<210> 1368
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1368
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 ttactaatgc ctgcaattgc tgataataga cgtgccccag gaatcgctgc aagggaatg 120
 gagcaagggt ctccctctgt ggcacagtct ggaatgttag tggcgcaatc tcgactcact 180
 gcaacctccg cctcccgat tcaagagatt ctctgcctc agcctcccaa gtagctggga 240
 ttacacgtac gcaccaccat gcccggaata tttttgtatt tttagtagag atagggtttc 300
 aacatattgg ccaggctggg ctcaaactcg tgacctcaag tgatctgccc gcctcagcct 360
 cccaaaatgc tgggattata ggcgtgaacc atc 393

<210> 1369
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1369
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 gagcaagggt ctccctctgt ggcacagtct ggaatgttag tggcgcaatc tcgactcact 180
 gcaacctccg cctcccgat tcaagagatt ctctgcctc agcctcccaa gtagctggga 240
 ttacacgtac gcaccaccat gcccggaata tttttgtatt tttagtagag atagggtttc 300
 aacatattgg ccaggctggg ctcaaactcg tgacctcaag tgatctgccc gcctcagcct 360
 cccaaaatgc tgggattata ggcgtgaa 388

<210> 1370
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 1370
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 gattttaatt atattccaac atttcttact ctcttcatta ttactcccca aacagccttt 180
 ttaggcattt tcctcctagg ttctgcctgt gaaaatttac tactacagat tattgtatgt 240
 ctgtatgtat gtaatgtatg tatctgtgct ttatacataa aatgattact tttgcccttc 300
 cttcgcccc gctcttactc ccattagcgg gggtttgctt ccattaacaa agatagctgg 360
 gctgg 366

<210> 1371
 <211> 390
 <212> DNA

<213> Homo sapiens

<400> 1371

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tgattcctaa	aatgattcta	agaaagatgg	acaaaattaa	aaccttcaat	atattaaatg	180
atthttagtcc	agcggaaacct	aattcctcaa	gtctaattgga	aaccaatcct	ctggaatggc	240
cagaaaggca	tgttcttcaa	aattttggaaa	cttttgaaaa	aactaaacaa	aaaatgagaa	300
ctgggtcatt	acctcattca	tctgaacagt	tgctgggcca	caaagagggga	cctcgggact	360
caatcacatt	gttggtatgct	aaagaattgg				390

<210> 1372

<211> 391

<212> DNA

<213> Homo sapiens

<400> 1372

ggcacgaggg	caggaggcca	gatttggtcc	tcaggctgta	atttcttggc	cccttgtcta	60
gggagaggtg	aacgagggga	ggagagatca	gtcaaggatg	acgtgagggg	ttgctgggag	120
caccaggaat	cctggagaag	gtagtggcaa	gaggggtgcag	caagctcagc	tgggcggggga	180
tcaagtctga	ggacttaatg	tctcctctga	tctccagacc	cataagggag	atgctgagta	240
gacaactggg	gcttatgggt	ctggagttca	gaggagagat	cgggaaagggt	tccatttggg	300
gtcatccacg	cagagatgtg	tgaaggctgc	tcaatgattt	tgagggttaa	agaaaaaaag	360
agatgtgaaa	ccagggggccc	tgatgaggct	g			391

<210> 1373

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1373

cgggtgctgtc	caacacatat	tgtctgggtt	ttaacaggag	tgatacagaa	tggcaaagct	60
tgatccatat	agtaagagaa	tacaattatt	gtcgagtttt	aacaggagtg	atacagaata	120
gcagaggggc	ctgctgatga	attgaagggg	atccaataaa	gagattactg	gaataataaa	180
gatgatcagg	acttacacta	aaatatttgt	gataaggata	gagaaaaagt	gttaatgtat	240
tgggggaaat	cacaggatat	atcagctgaa	tgcttatgtg	aaatgagaat	gatgaaaagt	300
acttaaatgg	agagatggca	tcgggccactg	tattactctg	tgctcacatt	gctataaaga	360
aatacctgag	actgggtagt	ttataa				386

<210> 1374

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1374

cgttgctgtc	gcacacacac	acttacacaa	tggaaatata	atatatatgg	tgaactcatt	60
tacaatacgc	gattaccagt	tttccatggt	agtttttcta	cccttacctg	atcattttta	120
cgactactta	aaattttctt	gctggatcaa	caatattttt	tctacatcct	atcaatggct	180
cacttttagg	tagcttccca	tatttttact	cttacaaatg	aacattatgg	aggaacacct	240
ttgagcatat	acctttctac	acttgctcaa	gttttctctc	tctctcccc	cctttttttt	300
tttcacctgc	agacacaggg	caaccaagtt	gtcgtcttca	aattaatttc	tcagagtcta	360
ctctctggat	aataggggtg	agt				383

<210> 1375

<211> 385

<212> DNA

<213> Homo sapiens

tgtgcatagt	gttaactttc	actcacttgt	agtgaaaagt	agtctggaaa	tattttatac	300
atcatagaga	aattccgaga	atcatataca	ggtagatgat	gataaggaat	atgggtattgc	360
ttgtggtgac	agtcatttgg	tggcactctc	atgattgggtg	gcaat		405

<210> 1384
 <211> 425
 <212> DNA
 <213> Homo sapiens

<400> 1384						
aagctacttc	atagagctga	cattctaggg	agaagataga	catggcagat	ttaattatac	60
acatatcttt	ttcactgtat	tagatttttt	cagattataa	aattatagta	ataaaatagc	120
aatatcaaat	attactgaaa	tacataacat	aggaaaaaat	atgccctgtc	aattcatcct	180
ccctcccccag	acgtagccac	tgtcaaccag	tttgtgcacg	tttttgtaac	ttttaaaaaat	240
atacatgcaa	tgtatttttta	aagcataaaa	ggggaatcat	acacgtctga	attttgtttt	300
ttagcttcat	atatctggga	tatcctctca	catgaacaca	aggaaatcta	cctcattctt	360
tttaaatgtct	gaataaatatt	tcatgctatg	gatgtattat	agtttatattg	actaatatct	420
tgttg						425

<210> 1385
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1385						
agaatactag	gtattaagta	aatattgttt	gagtagataa	aagacattag	tgtaagcaa	60
taaccctaca	ttcttaaaaa	agagagagtt	ttattaaatt	gctagggaact	taaaattttt	120
ggatctcaca	ttccaaatgc	ataacacaag	attttgcttt	cagtgtgtat	cactcaaaat	180
taagctagta	acaggtaaac	tagctatgtt	ccctattctt	atttcttgga	tatgaggaga	240
ggaaacacat	gcagcaggaa	agaaaaaggt	gactaacaat	tactaaattt	cgagagtaaa	300
ttggattgtt	ttgctctgtg	caactataaa	atgggtgatta	acaaacaggt	gctaaatgtt	360
aatgaagtat	atgagattaa	aaataaac				388

<210> 1386
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 1386						
gatttttgtg	gtgagattct	ctcccacgcc	acaagacatt	tctgtctcgg	aaccttgttt	60
actaattgta	agtactttac	aagtaagaac	ttgatttaaa	aacttagcat	tcaaaaaaaa	120
aaaacctttt	tttacagctt	attgaattct	ctgggttttt	tctaaccagg	taatatttgg	180
agttgcacct	aaaaaactaa	ggtttcttaa	tctaattggc	ttaaattaat	cctttaagcc	240
aaattcacca	tttttttgtt	aacctttttg	ccaaaggcca	ggtttttcaa	agaagggaaa	300
aacccacccc	ttgaaccttc	atcattggcg	gttttcggcg	caaaccocat	attatccttg	360
tgtttaagaa	ccaggaccat	tattttccn				388

<210> 1387
 <211> 421
 <212> DNA
 <213> Homo sapiens

aatatttgag	actttgggga	aattaaactt	gtcaagctgt	caacttatca	gtttggattt	180
atggtttcct	atttcatttt	gtagatattg	aaaatacatg	tcaatatctg	tgtatttcat	240
gtcaaggaag	ctgtgtattg	gtatcaggat	tgagggaata	catgatcaac	aaatactttt	300
ccaagtttca	gtgtcacaga	ttgcataatg	catgataata	catcacattc	atttccctca	360
agtttgtttt	tttttttgac	agggagttaa	caaaaaatgt	gcaaattggc	a	411

<210> 1392
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 1392						
attcacccat	ccacccatct	actcatccat	ccatccaacc	atgcatccat	ccatccaccc	60
atccacccat	tcatccatcc	atccacccaa	ccaaccatcc	accttttcat	ctatccaccc	120
acttgccac	ccacccattc	ctccattcat	cattcaaccc	tctcttccta	ccatcactgt	180
ttcatccatg	aagattttata	aagaagtgtg	acatttggag	tttataaacc	agtatttgag	240
acctaattct	aattctttcc	gcctgtgcaa	tcttggacaa	atagttaaaa	ctatctacat	300
tttttgttta	ttctttggca	aaatgggaga	gagtgtttat	ctttacatta	tgaaactact	360
atgagaaaga	gatgattcag	ctg				383

<210> 1393
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 1393						
gattcgaatt	ccgttgctgt	cgagcagcca	ccagagattg	tcatgaaaaa	tgaaaagtca	60
aagaaaaata	agaagaaatc	atagtcagat	gctaaagcag	tgcaaaaacag	ttcacgccat	120
gatggaaaagg	aagttgatga	aggagcctgg	gaaactaaaa	ttagtcacag	agagaaacga	180
cagcagcgta	aacgtgataa	ggtgctgact	gattctgggt	cattggattc	aactatccct	240
gggatagaaa	ataccatcac	agttaccacc	gagcaactta	caaccgcac	atttctgtt	300
ggttccaaga	agaataaagg	tgattctcat	ctaaatgttc	aagttagcaa	ctttaaatct	360
ggaaaaggag	attctacact	tcaggtttct	tcaggattga	atgaaan		407

<210> 1394
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 1394						
atttacgtgc	catgatttta	ttccaaccaa	aaagatattt	ggaaaatatt	taagaattat	60
tgctgattat	tgaaatctag	aacactaata	ccagtgaata	ttttgtatac	cctaatactt	120
ctctgatcac	ttacaagcca	ataattagcc	attcacgata	cagaagacag	acagggtaga	180
tgtggggggg	cgggtttttg	ggtaattccg	gaaagagaga	aaactttggg	agggtga	237

<210> 1395
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 1395						
ctccatatat	atatatcaat	acatttttcta	agggttgaaa	ctaagttttc	actgacattt	60

atataaataa	cctaaaatct	tggcactagg	attatattaca	aaggtaaaac	ctgaattaca	120
aatattttggc	aaggagaaaa	ttatactttc	tgtctttctt	cccaaataca	aatcatcttc	180
tatggggcgg	catccccacc	tcagctgtgt	gaacgggtggc	cccagaaaaa	ataaggtcaa	240
aaaaaattaa	aaaaaaataa	tcttctggcc	gggagcaatg	gctcaatgcc	tgtaatcca	300
gcactttggg	aggctgaggc	gggcggatta	cctgagggtca	ggagtttgag	accagtctgg	360
ccaacatggg	gaaacc					376

<210> 1396

<211> 158

<212> DNA

<213> Homo sapiens

<400> 1396

tttttattat	ctcctttcta	cttttttggc	ttactttttg	ttctttttct	caccttcctg	60
cttggatgat	taattaattt	ttattaattc	ttttagtcct	atTTTTTTTc	agtgattaag	120
gccatgaatt	tttctgtgtg	caaactatat	cctgagac			158

<210> 1397

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1397

ggcacgagag	gaggcaagtc	aatctttttt	atttccttat	aaaattaact	cttcaaaagc	60
tgtaaacaag	agagttatct	taatttttat	tgcagtagga	ggaaatatat	ttaaaatatt	120
tgtagattta	tagcaaatag	agactcgta	tttaaagggt	aaataacaat	ttgttctttt	180
gttgtttttg	ccagtttagg	gcagtagctg	cttttgatcat	aaatatcttc	ctaccacatc	240
aaaaatgctg	cttttaaaat	ttttgtttat	aaattgagaa	ggaattttct	ctctataagt	300
ttctgtcatt	gaacagatca	ccattaaaaa	gaatattaga	atccagcatg	aagataatgg	360
ctaataaaaa	tgagggtacat	actttataaa	accattaatc	agattt		406

<210> 1398

<211> 374

<212> DNA

<213> Homo sapiens

<400> 1398

accaccacgc	ttcaattcaa	tctaaatcaa	ttcaacaaat	ctgtgctgaa	agtataacat	60
ttagttttct	tagacaccaa	atgaacaata	caaaatccct	caagggactt	agaacattca	120
agttttctat	atctgtgggt	ctaagtctgt	taccaacttc	caggactctg	cttctttccc	180
tctgcccatt	aacaatgcgg	tgtaaaaagt	gacttcctac	cactatgttt	cttacagctg	240
attcaaccac	tcatctcata	gccaggcatg	aaagaaagga	gcataccctc	aaccgagaac	300
tatttttttag	atggtagtca	tatatattat	tcatatttag	taagtattat	ttcagggtctt	360
attaattaaa	ggaa					374

<210> 1399

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1399

cgttgctgtc	ggccaattca	gggtctcaag	aaagaacagc	ccacaggatt	gacactgaac	60
cttaacaaaag	ttaacaggac	caagctgcag	agagggtgct	aggacagcga	agccaaagag	120
gacccctcaa	acccaacaag	agctgtgcgg	ctccctgatt	cctcgccagt	gttgctaccg	180
cccttggttc	ttcttgcatg	gctggctctt	gagaccctcg	gaagctgatg	gaggcaacgt	240
gagaagcaca	tggacatccg	accttgagct	tgagaggcag	aggcctgagt	tctagttaca	300
gccccagcag	taccagttgt	gtggactggg	agggaggcta	tcacgtacat	actccaagcc	360

tccaagcctg tttccccttc tgacacagga tcttttgtgg ct

402

<210> 1400

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1400

ggcacgagcc	ttcgctaccc	tgtctgcacg	ttccagcacc	caggtaccca	gcacaggtct	60
ggcgagaggg	tagagatggg	ggacctcagc	cagaagtggg	ccccactgca	gccacacatt	120
ctctttacag	ccgaggccag	actcttgggg	tgaggacaac	tgggagggcc	tcgagactga	180
cagtcgtaag	tgcttcccct	gggtgggctg	aagactaggg	ctccccgact	agcccgcgcc	240
tacaggcccc	cggcaggcac	tggctggaga	gctgagaccg	gggctcccct	tcctgacgcc	300
aggacaggtc	aaggctgagc	tggcccggaa	gaagcgcgag	gagcggcggc	gggagatgga	360
ggccaaacgc	gccgagagga	aagtgggcaa	gggccccag			399

<210> 1401

<211> 403

<212> DNA

<213> Homo sapiens

<400> 1401

catcattcgc	gcggccgcga	attcttccga	cagcaacggg	tccttactaa	aagaaataat	60
caggaataaaa	aaaaagaaat	aacattgttg	gggagaagag	aagggaatta	acatttataa	120
tacttttctt	gcttatttct	agtgttttca	aatttcctgt	ggagagcaaa	atacttctac	180
attaaaaaag	cttttattgt	ctttgttgaa	aataagatac	aagaagtaga	ctttaatttg	240
aaaaaatata	atgtagttaa	ttagattaaa	atgtttatgt	atgaggaaaa	taggccccagc	300
atggtggctc	atgcctgtaa	tcataacgct	ttgggaggcc	aaggcaagag	gattgcctga	360
gcccaggagt	tcaagaccag	tctaggcaat	gtggcaaaat	cct		403

<210> 1402

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1402

aggagacaag	ggtacagact	gtgagtctag	tcagaagtga	tgcacatggc	tcagtggatt	60
taggcaagtc	atttcagtg	ttgtacaatg	ggaatagtaa	tataatacat	acttctgaga	120
attatataaaa	aaatgtatgt	aagatacctg	tgatcatttc	tctttacccc	taactatact	180
ataagtttct	gagagagagg	gaaaaaaaaa	cataccttat	acatatcttt	atattcctat	240
tggggcttaa	atactttgca	cagtgtgtga	ttaataaata	catgtgcata	agtgtgaagca	300
tgtgtcagca	tgtgtgtgtc	agcatgtaag	tgtgtgtgtg	ttcagaagat	ttaggtgtct	360
tagaatagag	ctgataa					377

<210> 1403

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1403

cgttgctgtc	gtagcgcgcg	aggccctcgg	tcggacggga	cgctcgggat	tcagggactg	60
cctcggcaca	cgggaagtgt	ccctacaggc	gcgggagaaa	gcgcaggcgg	cggcttagca	120
gggagaggca	ggctgcagt	cacattgggt	caggcacacg	cgaggggcag	cccccgaggg	180
ccgtcccaga	gtcccccg	ccgcgggggt	cctaacgggg	tgcaccgtct	tccgccgcac	240
gtggattcag	cgcgatgcc	aaatccaagc	gcgacaagaa	agtctcctta	accaaaactg	300
ccaagaaagg	cttgaattg	aaacaaaacc	tgatagaaga	gcttcggaaa	tgtgtggaca	360
cctacaagta	ccttttcac	ttctctgtgg	ccaacatgag	ga		402

<210> 1404
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 1404
 ggcacgagcc tcttcgaagc ccatgttatt gaccgactga agctgctggg gctgtacagg 60
 ggagaggatg atgagctgct acagcgggca gctgccgggg gcttgcccat gcttacctcc 120
 atgcggccca cgctctgcag ccgcattccc caagtgacca cactctggct ggagatcctg 180
 caggccctgc ttctgagctc caaccaggag ctgcagcacc ggggtgctgt ggtggtgctg 240
 aacatgggtg aggcctcgag ggagattgcc agcacctga aggagagcga gatgatggag 300
 atcttgctcag tgctagctaa aggtgaccac agccctggtc caagggtgct tgcagcctgc 360
 ctggacaaag cagaggaata tgggcttatt caaccaccc aagaag 406

<210> 1405
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1405
 gcaacaccct tctgatgaca tttcccatta acctcagaac ctattgcaag agtatatacc 60
 tctgttaaac aagcagaata tcaaccaaag agcaataaag gaagattagg ttgaaaaagt 120
 gcacatcagc ctcccttgga actctgaaat gtagatttta tggaaaaaat aacagctatt 180
 tttaaaaaaa taatttttgg ttcgagcaag taaaaaatat ttatctctta gtatattaaa 240
 ttacagattg aatatggcat ggtagtctg tgaattctca cagtattata agtttatgaa 300
 atagactctt ctcaagaatt aaaatagaag ttctatgggc caggcaaggg ggctcacccc 360
 tgg 363

<210> 1406
 <211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 1406
 ataacaacag taataaggaa aacaatataa caataacaat tctaaaactt catattgtcc 60
 atgggtctgt atctctctgt gcttatgcag ccatattgtc aaaaaatata tatgctgtct 120
 ctaatttatg catcatatat tttttaaatt atcgtagtta attttgtacc taagaagtaa 180
 acctaatcgt taagttttaa agacaacagc aaaggagatc ttttaaatat tcattttact 240
 ggaactttat tgatcatttg acatttttgc agatttcctc cttgaaatcc ttttatttaa 300
 atgatattaa ttattggctt ctttttgatt gctttntaat gacttttagat tatattctta 360
 agaactttta 370

<210> 1407
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1407
 cattggttct accaagcata agcaaataca acaactcatt gagagaatgt catcagccaa 60
 taaaataaga aactgctccc aggccttgaa tcagcttatt aaaattgacc tctgggacta 120
 gcttctccta atacataaaa ttataaaaaa gacttagaca cagaacctca agtctgttct 180

accaggaaat	tttacacaag	tattccagaa	atcaaccaat	cattctaacc	cattagtggt	240
attcagtaag	attgaaagta	ttcaataaaa	tcagaacaaa	atgtctcata	caagatttcc	300
tggcagggca	tggtgg					316

<210> 1408
 <211> 369
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 1408						
gatatttttc	ttctgttttt	agtatggcag	tatacaaaaa	tgtatatatt	gattttttat	60
gataaaaatt	tgatcacaca	aaattaataa	tatttgtacc	atcaaattgt	cttacttcta	120
ataacagaaa	gaagtgtctt	ttgaattact	agaatacttt	tatttttgag	cgcttaaaaa	180
ttttttcaac	atttatactg	aacgcttcat	ttgcttattg	cattgcatca	gctaaaatct	240
ccaaaaatat	tgttgaataa	tactgaggat	ggcagatatc	aatctttttc	tgacagcaat	300
gaaaattcgg	attgcattat	aaactatggt	tgctcctagt	tntgcggcaa	aatgtattta	360
tcaattttc						369

<210> 1409
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 1409						
cgttgctgtc	ggtgcatgcc	tgtaatccca	gctacttggg	aggctgaggc	atgaacatcg	60
cttgaacctg	ggaggcagag	gttgcagtga	gccaaagattg	caccgctgca	ctctagccta	120
ggtgacggag	tgagattgtg	tctccaaaaa	aaaaaatttt	ttctttgcga	ctgtattcct	180
aattttatct	acatacataa	ttcacttgcc	actcttgact	gtcttactta	ttctgtttgc	240
aaattcatgt	catgggtttat	gtatcacagt	gcagtgcccat	gagtttttta	gacaaaggat	300
tagtggataa	gccaaagagac	ctataccctt	cactatatag	gatgcagggtg	tttcaaattgc	360
tggtatgtaag	tggtaggcat	ggtggctcac	acctgtag			398

<210> 1410
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 1410						
aggtagatac	cacttttttc	acaattacta	aaagccaggc	aaattactag	tattttacat	60
catcataact	cattaatccc	tcacaaagtc	ctataaat	agtaatgaaa	ttaaaatccc	120
ctgggagtc	gaaacatccc	atttgtgaga	aatacacttt	tcaattttatg	ccaacccaaa	180
gcagaataaa	atttttaattt	atgaattttt	aagatgagaa	aagtggggct	tagcaatgct	240
aactaatatg	tgcaagtttg	tgcaagttata	aggaatctga	ttcataatca	cttttctcca	300
ttgcctccac	ggattaaaaa	ggtgttccca	gccctgcagt	ttttcttaca	gagctcagtt	360
ccttaactac	c					371

<210> 1411
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 1411
 ggcacgagga tcagtcaagg atgacgtgag ggtttgctgg gagcaccagg aatcctggag 60
 aaggtagtgg caagaggggtg cagcaagctc agctgggcgg ggatcaagtc tgaggactta 120
 atgtctcctc tgatctccag acccataagg gagatgctga gtagacaact ggggcttatg 180
 ggtctggagt tcagaggaga gatcgggaag gtgtccattt ggagtcaccc acgcagagat 240
 gtgtgaaggc tgctcaatga ttttgagggt taaagaaaaa aagagatgtg aaaccagggg 300
 ccctgatgag gctgcccagg tggtaaggaa gacagaagag aagccatggg acagctgagc 360
 ccgggcaccc tcaagccttg gaggcataaa gtttgn 396

<210> 1412
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1412
 cggttgctgc ggcgggtgctg tgtcctgcag gaagagcggg atgcagctcg ggctggggcaa 60
 ctgagttagc atcgagagtt ggagactcct cgggctgccc tagaagaaga acggcagacc 120
 tgggcccagc aagagcacca gcttaaggaa cactaccagg cgctgcagga ggagagccag 180
 gctcagttgg aaagggagaa ggagaagagc cagagggaa cccaggccgc ctgggagacc 240
 cagcaccagt tggcattggt gcagtctgag gtgcggcggc tgggaaggaga gctggataca 300
 gctcggagag agagagatgc cctgcagctg gaaatgagct tgggtgcaggc ccggtatgaa 360
 agccagcggg tccagctgga gtcggagctg gctgtg 396

<210> 1413
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 1413
 cggcggccta cgggtgacgag atgacgacag aaggggatta aattcctttg ttcataactca 60
 taaatagcac taaagtgtta taacattttc atttacctat ttttagttcc ttcattttta 120
 cttaataaaa atcttgatt gatattcttt gttttttttt ttttttttgg gggagggggg 180
 ttgttttttt accccggggg ggatgacggg ggtttttttt tggtttcttg gaaaccccc 240
 cccccgggtt aaccctttt tcctgggtta acctgccaa ggggggggaa cggggggccc 300
 ccccccccc cgggggaaat tttttgggtt ttttaagaa aaagggggtc tcccccttgg 360
 tcccaggggg ggtataatct tctgcccctt ggaac 395

<210> 1414
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 1414
 tcgatctgaa gtccgagctg aagcggcgga acttagacat caccggagtc aagaccgtgc 60
 tcatctcccg actcaagcag gctattgaag aggaaggagg cgatccagat aatattgaat 120
 taactgtttc aactgatact ccaaacaaga aaccaactaa aggcaaagg aaaaaacatg 180
 aagcagatga gttgagtgg gatgcttctg tggagatga tgcttttatc aaggactgtg 240
 aattggagaa tcaagaggca catgagcaag atggaaatga tgaactaaag gactctgaag 300
 aatttggtga aatgaagaa gaaaatgtgc attccaagga gttactctct gcagaagaaa 360
 acaagagagc tcatgaatta atagaggcag aaggag 396

<210> 1415
 <211> 393

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 1415
cggttgctgtc ggacgccggt gcagtctcga accatccctc tgttcacgcg aaacaaagat 60
gtcgtctgcag aagcggccac aggtagcggc aaaacactcg cttttgtcat ccccatcctg 120
gaaattcttc tgagacgaga agagaagcta aaaaagagtc aggttggagc cataatcatc 180
acccccactc gagagctggc cattcaaata gacgaggtcc tgtcgcattt cacgaagcac 240
ttccccgagt tcagccagat tctttggatc ggaggcagga atcctggaga agatggtgag 300
aggttttaagc atcaagggtg gaacatcatt gtggccactc caggccgctt ggaggacatg 360
ttccggagga aggccgaagg cttggatctg gcn 393

<210> 1416
<211> 369
<212> DNA
<213> Homo sapiens

<400> 1416
gaaataaatc agcgcttcaa agacaaactt ccagtgccca ttccaatcga attcattatg 60
accgtgattg cagcaggtgt atcctacggc tgtgacttta aaaacaggtt taaagtggct 120
gtgggtgggg acatgaatcc tggatttcag cccctatta cacctgacgt ggagactttc 180
caaaacaccg taggagattg cttcggcatc gcaatgggtg catttgcagt ggcccttttca 240
gttgccagcg tctattccct caaatacgat tatccacttg atggcaatca ggagttaata 300
gccttggggac tgggtaacat agtctgtgga gtattcagag gatttgctgg gagtactgcc 360
ctctccaag 369

<210> 1417
<211> 358
<212> DNA
<213> Homo sapiens

<400> 1417
ggatttcacc atggtggcca ggctggtctc caactcctgg cctccaatga tcctcctgcc 60
tcagcctccc aaagtgtctg gattataggc atgagccacc gtgccagct gctaactaga 120
aatgtaagt gcacagagt gtagtgctgg taataattct agagtataaa aacaatttaa 180
aattttttgg agaatttgtt tttcagattt gaaaagaaaa ggggaatgat acacatatct 240
gcttaaaaca atgatacagg aaagggtttt tttaaaacag gctaaaaatt ttgccttcct 300
ttctaattct aaagatgatg gaaatgaaga ccattatgtg ggccagggcg gtgggtca 358

<210> 1418
<211> 175
<212> DNA
<213> Homo sapiens

<400> 1418
cactgctttg taagactttt cttatTTTTT catatgtaca tttgactttt ccagctaggc 60
tgtaagttcc ctaagggcag ggtgcatatt ttccatattg tttggcacct atactaagcc 120
tggttatata gtaagcaatt aataatattt gtttaaggctg ggtgtggtgg cttat 175

<210> 1419
<211> 172
<212> DNA

<213> Homo sapiens

<400> 1419

tgtgtcatgg	gaagaagttg	aaggggtttta	gttagggaga	gtcataataa	aggttgagct	60
ttaacaatgt	cattcttgag	gaataccagg	taaacttaca	gacagacac	ttaatttatt	120
tctacttgct	ccgaaaactc	cactgacatg	agcatagaga	gtcaaataaa	gg	172

<210> 1420

<211> 172

<212> DNA

<213> Homo sapiens

<400> 1420

ggaacctgaa	atgagaaaag	ggtagtgaag	gaagacttga	tgtccttcat	aactggcctg	60
catcctgccc	agcccctcct	ttctttccag	aagcccacca	gtggcccaga	gtggaagggt	120
gggagtcaga	ccagtccaag	gttgctaatt	aagactggac	tgccaggcac	gg	172

<210> 1421

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1421

cgttgctgtc	gtggagtga	agtttccgcc	caccctcag	cagtgcctgg	gctcacctct	60
ccaccacact	ccccacacag	ccagaggcag	gcctcagcc	gcaatcagta	acattcagtg	120
aggacatgtg	tttatcatgt	gttggtgggtg	ggtagcagta	gttctctatt	caggtaggag	180
tggaagctgg	ctcagggtc	atccagtgca	atgtcccaca	ggtatagaag	tgccctgata	240
aaatctcaga	gctggctgtc	cagtcaagat	ttgcatacct	ccagaaatgg	ggctcttact	300
acccctcaca	gtagccatt	ctactgttgg	gcacctccaa	tggtcagcat	tttctttccg	360
gcagcctctt	tcttggtctg	ggggggg				386

<210> 1422

<211> 278

<212> DNA

<213> Homo sapiens

<400> 1422

gaaatatcag	cctaaacgta	gtttatgttt	aggaagcaac	aaccgtaaat	agtccacat	60
ccaaacggag	tggatttagg	tttcaactttt	tcaaggaaaa	accatcaaag	aatttttcca	120
catacttata	aaccatccca	cgtatagaat	ccattttttac	tgacacaaat	ttagtaccac	180
taaacgactc	ttcttctcaa	tttggtttat	ttaacaataa	gtcttgaacg	tcattcccag	240
ttaacatttt	gaagagtttc	ctctcttttcg	ttctgttt			278

<210> 1423

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1423

cgttgctgtc	gctggaaagt	gggataatac	tttttacctc	atggacttgt	caggaggatt	60
cattaaaacg	actcgcataa	agcctatgcc	acatggtaga	tgccaattca	gggtctcaag	120
aaagaacagc	ccacaggatt	gacactgaac	cttaacaaaag	ttaacaggac	caagctgcag	180
agaggggtgct	aggacagcga	agccaaagag	gacccctcaa	acccaacaag	agctgtgcgg	240
ctccctgatt	cctcgccagt	gttgctaccg	cccttggtctc	ttcttgcatg	gctggctctt	300
gagacccttg	gaagctgatg	gaggcaacgt	gagaagcaca	tggaacatccg	accttgagct	360
tgagaggcag	aggcctgagt	tctaa				385

<210> 1424
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1424
 gggttgaaaa gtctgttcta atttcatttc gatgtgactt agagaaaaat actccccgt 60
 gcctcatgcc cacactctgg gcagtgccac ccgcagctcg gcaattgcca ccttccttgc 120
 tgtgggttcc cagccttggg ccctgcccag acattggtct gaggtgcct ggtgctcttc 180
 cccaccacc tggggggcca ggtttctctt cccctgcag atccagaggc gtaaaactac 240
 atttggtaac ctggtttgtc atgaaagtgg acatttgact ttttcttaaa aatggttggg 300
 ttatggctgg gtgcggcggc tcacgcctgt aatcccagca ctttgggagg ctgaggcagg 360
 cgg 363

<210> 1425
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1425
 tataaccatt tctctcaca attatactag agaacttagc caagctaadc aaaaaataac 60
 aagaaattgt aggttataaa atggaataag gaaataaaac tggcattact tgcagagaaa 120
 atgactacat gttttgagaa ccccaaaatc tgcagataaa ctgttagaat tgacaaggct 180
 atttagcttc ctatgaagtt gatatacaaa tatcaattgt ttgttaacat aagagcaata 240
 aagaaacaaa gtgaaaatta ttaaaaggca ccattcaca cttatacac aaaatcaaat 300
 aattgtaaca atgtaagaaa tcaacagaca catacacaaa aaataattat taagataag 359

<210> 1426
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 1426
 tccatagcgc ccatggctcc accaccagtc aaaggtagtg gggccagcag tggactcctg 60
 tgtggttcag ctctcaaaaa tgtgaactga aagacacaga aaaagacttg tgtttgggga 120
 taaatactga gactgagcag tcttgtggat tcaggaattg ggcattccagt tgggaccctt 180
 tgcaagaagg gtgttaggga gcacagagca tgagtaagcc ggaagcagag caggagagag 240
 aatggagcat gtgtgcaaag agggcggtga gatgctgaga gtaatggggc tggcccaaga 300
 tgaagtgaga ggaagcaaa tgagacagag gg 332

<210> 1427
 <211> 330
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 1427
 caaagcttac tactcttagt gaatttgagc tttcctccct tctcaacgct tatgggttgt 60
 ataagtacca tgaagagtca tgggaatttt gtccctttta tttatgagat atatattcaa 120
 tataatttca tcttgcacat gtatatacat cctacttgca gatttaacct tgacttgaaa 180
 tttgaaatat ttaggaagaa gaaaggaaac gtcaagagga aatagaacgc cagcgtcgag 240
 aaagaagata tattttgcct gatgaaccgg ccatcattgg acattcaaat tggggctgca 300
 aaaaagggcc cggatatgaac tgaaacatcn 330

<210> 1428
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 1428
 cgttgctgtc gaccggagtc aagaccgtgc tcctctcccg actcaagcag gctattgaag 60
 aggaaggagg cgatccagat aatattgaat taactgtttc aactgatact ccaaacaaga 120
 aaccaactaa aggcaaaggt aaaaaacatg aagcagatga gttgagtgga gatgcttctg 180
 tggaagatga tgcttttatc aaggactgtg aattggagaa tcaagaggca catgagcaag 240
 atggaaatga tgaactaaag gactctgaag aatttgggtga aaatgaagaa gaaaatgtgc 300
 attccaagga gttactctct gcagaagaaa acaagagagc tcatgaatta atagaggcag 360
 aaggaataga agatatagaa aaagag 386

<210> 1429
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 1429
 cgttgctgtc ggagatcctg tgtacaacag caattggagc tctaaaatta aacatcgggg 60
 acctacaggt tacaaggaa acaattgaag atgttgaaga aatgctcaac aaccttcctg 120
 gtgtgacatc ggttcacagt cgtttctatg atctctccag taaatactat caaacaatcg 180
 gaaaccacgc gtcctactac aaagatgctc tgcggttttt gggctgtgtt gacatcaagg 240
 atctaccagt gtctgagcag caggagagag ccttcacgct ggggctagca ggacttctcg 300
 gcgagggagt ttttaacttt ggagaactcc tcatgcaccc tgtgctggag tccctgagga 360
 atactgaccg gcagtggctg attgact 387

<210> 1430
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 1430
 gttgagaagc tgggaatggt ggtggaacct aaaagacttc caactctgag gaaattgtgg 60
 tagaaatgga agcagtataa cctatgattg aacttaaccg atgtaggatga ttgagattgt 120
 atttgcagag acaatgctta aagaaataaa agaaacccag acataaaaac tgaagcttta 180
 atggagatac ataaatacat aggaccttgg aaaacaaatg aagtaatata actgcatata 240
 atttgtttac atatataaaa cataggaaaa tggaaataca gtgtattctt aagtgtacat 300
 ttgtgtgtgc gaaattttatt gagtgtcttt actttacata aaccgcggaa ag 352

<210> 1431
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1431
 aagtcggcag agcaaggact tgaagtaagc tggaggtaag ctggagtgtg aagtgtgaaa 60
 tgaactgtat gtgccccttg caaggggtgag cagccacagt gccagctgat gttaccttgt 120
 cagaatgtag cttcagatatt gctatggctt tgtttttctt tcaacttgca aatgctgata 180
 actaatacaa aatttttaac tgttgtctgc aaacatagtc ttggtccaaa agctccttca 240
 gctgataagc aacttcagca aagtctcagg atataaaatc aatgtgcaaa aataagtagc 300
 attcctacac accaacaaca gtcaagttga gagccaaatc aggaatgcaa 350

<210> 1432
 <211> 351

<212> DNA
<213> Homo sapiens

<400> 1432
ttaatgttca aacaacccat agagtggcta tcattactca gatTTTTatct tagagaaatc 60
aaagctctaa taattcaggc tacttttgaa aatttattca tcttcttatg actagaaaca 120
aatatttcaa gcccaaaaga taaagattta aagtaaaaga agtcttaaag aagaggcagc 180
acaatacagt gctgtagtaa ccttttgtga gcatcagact caccagtgga gctttctgaa 240
aatcacatgc ccagctctca caacttgggg agactgtgat tcattagatc tggagtgatg 300
tcttgcgat actgatgtag tgaaaagaat atgagctttg cattcccagt t 351

<210> 1433
<211> 351
<212> DNA
<213> Homo sapiens

<400> 1433
atgtggaaat taaaaatgca tcaaagtatt ctaactagt tttagaaatc taaaaatgaa 60
aatattttgc aattatgaag caaagatgac tgacttcaac aaaattgcat gctttcaaag 120
ttcacaaaag tatcaagttt tgactatgca aatgcaagaa gcactaagag taacgataag 180
ctagcaccta tcagagaggt atttcaaact atttacagct aacaccagtc taatctttaa 240
aaaaattaaa tataggtcag tcatgggtgac tcacacctgt aatcccagca cttcatgagc 300
ccaaggcagg aggatcactt gagcccatga gttcaagacc agcctgggca a 351

<210> 1434
<211> 378
<212> DNA
<213> Homo sapiens

<400> 1434
cggttgcgtc gggaactgcg ggtgtgtgtg tgtatgtgtg tgtgtatgtg tgtgcgcgcg 60
tgcggtgcgtg tgtgtgcgcg cgctagtgtg tggacaagga ggtgggggca gctgagttag 120
agtcccaact cttggactcc atttgcatt ctcttcttcc tccccacac ctatctggtg 180
gtggtagtgg gcgtttatat ttgcgttcct tttcattcat ttctaaatct cttaaaaatt 240
ttgggttggg ggtattgggg aaggcaggaa agggaaaagg agagttagtag ctgaagagca 300
agaggaggac atggagatga agaagaagat taacctggag ttaaggaaca gatcccccg 360
ggaggtgaca gaggtagt 378

<210> 1435
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (357)
<223> n = A,T,C or G

<400> 1435
cgggtaatat ttttagtaga tacagggttt tgccatgctg cctaagctgg tctcaaactc 60
ctggactcaa gcaatccacc tgccccagcc tcccaaagtg ctgggggatac aggcatgagc 120
cactgagccc ggcccttaaga catttttctt acgagggatt ttttagccct gagggaaatt 180
tatcatgaaa gcaatagagt tcagagcaag aactctggaa tcagagctca gatttgattc 240
tggtataaac ctgaagagtt atataacctt ggagaagcta actgccattt tgaaccatag 300
tttctctcag tgtgaaatgg gtttcatgtt aatatatata actcatggat tatagg 357

<210> 1436

<211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1436
 tattcaattt cctctgttaa tggttcctca agcataatct gagacctccc ccccaaccgc 60
 caacagggcc tggagatcat aactatTTTT attataatgt ttatgcattt ttgtcttttt 120
 cattgtgctg acatttTgtga agaggaaaac ggctgggtcc ttaccacgag tcaaaggcat 180
 agcagaaaat tgTTTTacta gtcattggtat tttttttttt tttttactac tatccactca 240
 caaaaaaaaa aaatttttagt tccactgaaa aatacttttg gggaacaccc aaaaattttt 300
 atttttatta aatcttgccc ctgggggcact ttaaaaaaat aaattttttg g 351

<210> 1437
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 1437
 gaataaatgt gttgaaattt gtcttttattc acgagatcat tagaggctaa gtcattggcaa 60
 cacgtgtagt tcaattcaat tttttttgtg taaaattttg ttgagctgca tccatccgca 120
 tatgtaacac taatttggtg acagcttctt tatactaagc cagaattaat ttgtcctcat 180
 ggttttgttt taaatgtgtg agctgtatta tatcacattt gaacaagtaa tatagagaat 240
 ataaatttag tttagagaaa gaaaagtaca ggcacactaa aaatgaatta ggatctggca 300
 gctgacactg attaacaggt tgagcaaatt caactagacc taaatctctg tg 352

<210> 1438
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1438
 acccagtatg taaataccac ttcccactac aataaaaagag ggctcttctg agacaagttt 60
 aattccagat ctagggaaga caatgtataa ggtgaggcag taaaatcatg tcttactaga 120
 gaaaaacgat taagtgaaaa ggacaaaaac cactgggatt aagtgaagag gacaaatacg 180
 aaggaaagatg ctccactactg cccaaaatgg atcttttaaat catcaataag aactgattaa 240
 agttgattat agattaaaaa ataaaatcca ctggtaacca tggaaagata aggggtgaagt 300
 ttcatttatt tgtacaagga ataaatggat ggcagaatta gaatatcact ggt 353

<210> 1439
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1439
 ataatacaat agcccagaac tggggccaag ccaattctcg tcattgacaa catattcggg 60
 attgtccatg ggTTTTcata ctgaaacaca aagacaacaa aatttaagta aaatactatg 120
 aattcactat ttgaataact atatacatat attagaaaaa tatacttcat caacttcagt 180
 cagaagctac ataaacttta aatttagcac attaaattga attttaaaat ccattctgtt 240
 cttttttacag atatctccct aaaatcttct ttcaagaata cagaagatgg ctgggcatga 300
 tggctcacgc ctataatccc tgcactttca gaggctgagg cgggatgaac 350

<210> 1440
 <211> 350
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 1440
 gacagggctg aagaacacag gtcgctgcat ttagaaagga ggcggggtca gaggaatana 60
 aaggacacag gctgaagaac acaggctcgt gcatttagaa cgaggcgagg gtcaaaggaa 120
 tagaaaggga caggactgaa gaacagaggt cgctgcattt agaaaggagg cggggtcaga 180
 ggaatagaat gggtcagggc tgaagaacac aggtcgctgc atttagaaag gaggcggagt 240
 cacaggaata taaaagggaca gggctgaaaa acacaggtcg ctgcatttaa aaaggacgcg 300
 gggacagagg aatagaaagg gacagggctg aagaacacag gtcgctgcat 350

<210> 1441
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 1441
 cggtgctgtc gacctgtttt ttcttttttt ctcaacagct tatttcattt ttttttttta 60
 attaaaagtt tactttttaca tgttttgaat gttggaatat tggcttatat ggggactttt 120
 tggttttatt aagggtttgcc aaattaataa caattttctt atttttaaag ggtctatcca 180
 tgttagttca gctatcactg aagaccaaaa gaaaagtga aaaggcgac cgaacattgc 240
 aaaaattgaa gacatcaaag ttttacaaga aaataatgaa ggactgagag catttttact 300
 cactattgag aatgaactta aaaatgaaaa ggaagaaaaa gccgaattaa ataaacagat 360
 tgttcatttt cagcaggaac 380

<210> 1442
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1442
 gtgccccacg aacgaaagtg tcttcccatc agtccctgca ctgggaccgg ggatcctggg 60
 gtcccttggt cgagctcagg gtgtgcctca gccgctaagt gaaccccaag gggggctttg 120
 ggcgcacaaa gcccatgagg ggaagggtgag ttttgagggg agaggtgagg cacctgtcac 180
 agaaaaagaa agaaaaaacc cgcgccgtgg agaggtgggg cctgggtccc ccacggatga 240
 aagtgccttc ccatcagccc ctgtgctggg taccggggaa cctgggggtc ctggtttgag 300
 ctcatggaga gccttggggc actaagggtg ccccaacgcg gtggaaagcc catgg 355

<210> 1443
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 1443
 ggcacgaggg gaagtgtgat gacgtcttgc ggctcctcat ggccgagctg ggcttggaga 60
 tccccgccta tagcagggtg caggatccca ttttctcact ggcgactccc ctgctgctg 120
 gtgaagaagg cagccacagt cggaggtcgc tgtgcagaag cagagaggag gccccgcctg 180
 gggaccgggg tgcaccgctt agctcggccc ccatcctagg gggttggttt ggcaggggct 240
 gcacaaaacg cacaaaaagg aagaaagtga cgtaatcacg tgctcgatga agaacagttg 300
 gcactttgca gatggccagt gtcacggtga aggtcgggtt gccccacgg gtctagggag 360
 aacgaactct ttggggatga c 381

<210> 1444
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 1444
 atagtctgtc acttaccatt gtttctgcaa gccaaaggga ttttttatga ttttacagtt 60
 acctaattta tagtttataa tataggaaag ttcattttatt ctctaactat atgagcctta 120
 aatatcttgg agatttttcc tatgatattgc cccagaaatt aaaagcaatt cagggggaat 180
 gaagaatgaa atagagaaat aaaggaagtc tgaaaattca gaaaataaaa gtatagtttg 240
 ggcaaagcaa ctctaacaat attatcatga gctatctatc tttttcaata acaataataa 300
 ctcatggtaa agctctattt ttttctcata aggctacttt gaaatgn 347

<210> 1445
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1445
 gaaccaatct tgaatagggga agtgatgcta caaaaatgct aaaaaatgaa ttaatataat 60
 gcaaatgtca gtttagttaa tataaataat gatgcttata tatatggaaa gaaggcaaaa 120
 tataaatagg tagtctatcc atagatatta cattgatcca ggtattaaga acatgaaatc 180
 attaggetct attaaaagaa aaattcattg taattcatac ttattttcta atcacttgta 240
 atagaatttt taatagtcata tttttcagaa caattttagg ctacacagaa atacaataga 300
 atttttagtta tacaattcat acatgaatac tattttccttg atn 343

<210> 1446
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1446
 tgatgaatta tgaaggaagg acatttatatt tgagaatcat gagcattata atatttattg 60
 aggattagaa ttttggtatg tggagggtgct actacctcct catgagccac ttctgcactc 120
 aatctcagta agaagaaaat gattaatttg taaaatatta aattatcatg attttttcac 180
 ttttctgtcg gttttttctg ttaatgtcag gtagcttata tttagtcttt atgattaaaa 240
 atgggagaaa gatatcatat taaaaatgca gaggctgggc acggtggctc acacgtgtaa 300
 tcccagcttt gggaggccga ggtgggcaga tcacctgagg tn 342

<210> 1447
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1447
 caagcatgag acacacatct ggcagcttaa catttaaatt acgaggggga aaccctcact 60

tcagtagtaa	ttttctcaaa	gaaaagaata	gggaatggat	tacaactaaa	tttaatttct	120
ttttaaat	tcatcttg	taattgcagg	catttttctg	ggttctttgt	attcatatat	180
tttcacacat	atcttctgta	gatttttattc	atctttaatt	tgagatgctt	ctcactatta	240
gagctcttga	aaaattgtgg	tatattttac	atagaaaatt	atctcgagac	atctatctga	300
tctcaagtaa	tatagacatg	gcatagaaaa	tacaaggaac	atgggtttct		350

<210> 1448
 <211> 345
 <212> DNA
 <213> Homo sapiens

ccatcaagca	ttttgagcaa	agccaaaaat	attatgaaga	aaataaaaaga	atgaataact	60
atcagaataa	gaatgtgtgg	agatctgact	aaataatatc	tctgttttat	tatagaagga	120
aatgtaaatt	tatgtggaag	agtgtctttaa	actgtaggaa	taggacttcc	aagaaggat	180
atcttgccac	agttgcccaag	ttcatgacaa	tcaagtaggt	cgccttgga	taaatgaagg	240
aaagaaagct	ctctgccaat	ctgcaatcgc	accccttact	cctactgaac	tggcacatat	300
actcacagat	attgctagat	tttaggttac	tgagggacat	tgatt		345

<210> 1449
 <211> 347
 <212> DNA
 <213> Homo sapiens

agattgaaaa	ctaacatatc	aatataaaac	cacataacca	taaatgtttt	atcttacggt	60
caactactgt	tttctgtttg	gtgaggaaac	aaaagtcagg	gcaagagggt	gccaataagg	120
agaaagcaga	agggacaaga	aattggaggc	ttctgttaaca	aagaacaact	agaatgtgaa	180
tagagaaatg	aataaatacc	gaagaaagat	cgacttggct	ctttgaagag	gcccctggat	240
taaggccgtg	gaagagatcg	agtactggaa	gattgtcgtc	acaacggaga	attgattgtc	300
ataaaagacg	acgctagtgt	ctgcaagtca	tacatgtcac	tggtctgg		347

<210> 1450
 <211> 371
 <212> DNA
 <213> Homo sapiens

tacggttgcg	agatgacaac	agacggggcaa	gcataagtac	gctgaagggg	catctgacaa	60
ggctattgat	gtcctcatag	aaaggaataa	gcatactggg	acacactttt	agcccttatg	120
acttgetgcc	tggaatgtgt	ccatgacgcc	tggagatgca	ggagcgtgaa	gatgcacagc	180
aagcagggag	agaagctggg	tctttgacca	ctatcttgag	cagctgtgcc	agccccaggc	240
tgcattccact	tcttgttatt	gggaaggaca	aagccctatt	tacagacaag	tctctattcc	300
atgcagctta	atgcaatcct	gactcataaa	gtacctccaa	accaccgctc	cccagttggt	360
ccatgtcagg	t					371

<210> 1451
 <211> 317
 <212> DNA
 <213> Homo sapiens

tagttaaata	taaattggta	attaactttc	caaaaagaat	aaaacagtca	atctctctgc	60
acacacacac	aagatgcttt	tottaatttt	ttctgtgaat	gacttgactt	gatatttagg	120
ttttaatttt	cttgaacaac	ttaggtgttg	caaaaataaa	aactgttgta	ataaaagttt	180
tatggcttgg	agagtcctac	ttttcacagc	aaagctgagg	gagaacggaa	aacacatagc	240
tttgatggga	ttcttcataa	aatagcttgt	tttttgtgct	gctgaaaata	gtattgatgg	300

cttggagatg tcacaaa

317

<210> 1452

<211> 315

<212> DNA

<213> Homo sapiens

<400> 1452

gtgtatcaca	tatctagact	tcttgatgga	atattgaatt	tgaatactta	tactatacca	60
acatctcact	aaattaacta	atgaatactg	aatttttagaa	tgcgttactt	gatttactgt	120
attatcagta	agtagcccta	atztatgtac	agaaatttaa	atgtatgaat	tttaatcaca	180
tttatatcac	tttatgaaca	cttaaaagta	cattcatgac	ccaccagtgg	gccacaaatg	240
ctactttgat	ctacattgag	tttggttacat	acatatcctt	gaaccctata	atggattcca	300
tttagtctta	ccggg					315

<210> 1453

<211> 293

<212> DNA

<213> Homo sapiens

<400> 1453

aaaaaaagct	taatagtcac	aatatatatg	ggatttttac	aaaagaaaaa	cacccaaaata	60
gaaacatgta	taaaggaaat	taaaaggaaa	tcaccaaaga	caaaataaga	aaccctcaa	120
aaaacagcaa	attaaaatga	gacatttttg	ggttgggctg	ggtggctcac	gcctgaaatc	180
ccagcaacttt	ggcaggccga	agtggctaga	tcccttgagg	ccagggtgtt	gggacgagcc	240
tggccaatat	ggcgaaaccc	ctctttacta	aaaatacaaa	tattagccag	tgg	293

<210> 1454

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1454

atatataaac	tacaatcaga	gcactgttct	gtaattacag	gctttttacat	ctctctctct	60
cctctagaac	aattctctct	ttcaggatag	gaactgtaac	ttatttagcag	ttacatcatc	120
agagctagca	gagtcctggtg	aattgtaggg	attaaatatg	ttttggttga	ataaatgaat	180
gaaatataca	ttccattcct	accccaaacc	agtataattt	tcttacacct	ctattactca	240
acttcctcac	aaggtctgcc	agtcaagagt	cttagcagcc	acaacagctc	cttcaagtta	300
ggatcatttg	aggagagtaa	agtgatgact	taaaaaggta	tgg		343

<210> 1455

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1455

cgttgctgtc	ggaaatggta	aatgatgtac	aagaattgcc	agaagagtca	aaactgcatt	60
attaataatt	gtgaaaaatt	acaagcaaaa	cagctcaaat	tcatggaaga	ttaataaata	120
ggagggtggga	tagttatgta	ataaattatt	ataccgaaac	ttaaatagat	gaattagagc	180
ctcatgagtc	aaccaggata	aattttttta	aagttcagag	taataaataa	ggcgcaggct	240
tacatttata	atataatata	tgaaaactta	aataactaat	acttatccaa	cataggtaat	300
aatagttcaa	acatgcatgg	aatggaaaaa	caaattcagg	gtagtggtaa	tctctgggaa	360
ggaatgagtg	aattt					375

<210> 1456

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1456

agggtggagc	ctgccctcct	ccacctgaca	cccccaacca	ggcctggggc	tcggtgtctc	60
cagctccaag	tcttcccctc	tccaacagcc	acttaaaggc	ctccctctgg	ctcttctcag	120
agaagaaaat	caaaagaagg	agagagggag	gaaaggcagt	agttcagggc	atggattcaa	180
atctgcatgt	aggagatgga	aaagcaaggt	aggagatggg	cagagacaca	ggaagagcag	240
gagatgtagg	gtgtggcctt	agcacttgct	gggaggtagg	ggtgggacaa	ctgagtgagg	300
agctggctta	gagagcagac	tgtggagttt	agtcctgatg	gtg		343

<210> 1457

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1457

tctacacttg	gattaagaca	agacaagaga	cttcgatgtg	acatgacgca	ccacattagg	60
atagcggagt	aaaggatgct	tgatatgaga	cagtggctat	gctatagtgt	tattctaatac	120
caataggagc	tgaagcagac	ccttttgaaa	catcctgtgc	gatagtttta	tgattgacgg	180
acatgaggcg	cagtgggaag	tttttttctt	tcctaaaaac	agattgagag	agtctcaatc	240
tcaagggcca	gttaagaaac	tcatgggtga	gcctgtaatc	ccagcacttt	gggaggctga	300
ggcaggcaga	tcacttgagg	tcaggaaatc	aagaccagcc	tggccaacat	ggtgaaacct	360
tgt						363

<210> 1458

<211> 335

<212> DNA

<213> Homo sapiens

<400> 1458

aggctttcag	aaataaccaa	gaacatcaaa	aataaagagg	actttttacaa	gtgaaaaatg	60
cagtaatcaa	aaatgaactc	aaaagagaga	ttaaatagat	tagacacaac	tgaagagaaa	120
cttagtaagt	gagaagctct	atcagaagaa	attatgccta	atacatggag	acaaagaaat	180
ggaaaatatt	caagaggagt	taggaaacgt	gtaggaaaga	atgaacagct	ttaatgtatg	240
ttgaattgat	atgcaagaaa	taggaaatgc	aggcccgggtg	caatggctca	tgccctgtaat	300
tctagcactt	tgggaagctg	aggtgggtgg	atcac			335

<210> 1459

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1459

cattcatcaa	tgagtagaag	taaatacatt	atagttgatt	ttgctaaatc	ttaattttaa	60
agcctcattt	tcctagaaat	ctaattattc	agttattcat	gacaatattt	ttttaaaagt	120
aagaaattct	gagttgtctt	cttggagctg	taggtcttga	agcagcaacg	tctttcaggg	180
gttggagaca	gaaaccatt	ctccaatctc	agtagttttt	tcgaaaggct	gtgatcattt	240
attgatcgtg	atatgacttg	ttactagggt	actgacaaaa	tgtctaaggc	ctttacagaa	300
acattttttg	taatgaggat	gagaactttt	tcaaatagca			340

<210> 1460

<211> 258

<212> DNA

<213> Homo sapiens

<400> 1460

cacaaattgc	tctttgctta	aagatcttct	tttgttttgt	ttaacttttc	tagtgcattg	60
------------	------------	------------	------------	------------	------------	----

tatatcttgt	ctaaattaaa	tccaattacg	ttaacaacat	ttaataaaca	ttttcctcct	120
gtgttcaaaa	gtgattttgt	ttatacttca	tcagggcggt	cagtgggttg	gcagatcaag	180
aatactatat	ttaggccagg	cacggtggcc	tgtaatocca	gcactttggg	gggccaaggc	240
aggcgaatca	cttgaagc					258

<210> 1461

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1461

atttaaagaa	atgaagatat	gtccctat	ctgtactgta	taatttcaat	tgtttttcgc	60
ttgctctaaa	gttcttatca	tcaataatta	tgtaacacta	ttatatactc	actatgacac	120
ttttaagaat	ggaaaaacta	ttcttaggca	tattttat	ttaaaaactt	cttaactata	180
taatagaaga	gcagagattt	ttgcttcttt	tttaaacatt	tactggctga	atatttttca	240
atgacactta	ctatttgtat	aagtttcaaa	ccagatttga	ttccaggcca	ccagaatgaa	300
atcattacct	gagtcaacag	gattacctat	aggcccg			337

<210> 1462

<211> 340

<212> DNA

<213> Homo sapiens

<400> 1462

cgggggcagc	aacaagggcc	aacagccctg	gtgctgggtc	gagatccaca	aaactgtcac	60
cttcaactaac	tggtatgtgg	tgatgttgg	acctcaaagc	actcaatgtc	tccttttctt	120
ccagaaaggg	ccaaaatgac	ctcctaata	cagatttcct	atcaagggca	tattcctggg	180
ccctaataata	aaaaatcaag	agttatttca	attattcacc	ccccaccttc	cctgaatatt	240
ccagatgtca	ctaaggaaag	tctaagatgt	ggaacttttg	ctgcaactta	ctggaaacat	300
tcgtccgtta	ctcacttaaa	ttattcaagc	aaattagggg			340

<210> 1463

<211> 339

<212> DNA

<213> Homo sapiens

<400> 1463

aacactaata	tttatatgta	ataagtctaa	aaaatagaca	ccaacagcca	gaaactgagt	60
agaacatcaa	atctaata	agacaaagac	ttcaagggtat	aagaacagat	taagtgcagg	120
ctgaatccaa	aatggactat	ataaaactagg	aagcaaggta	taagatacta	ttcttagatt	180
cacaggaact	gaaataaaa	atctaactct	caacttataa	ttcatatagc	actaaactag	240
gttctaata	gttatttctt	ataaaaaagt	gtgttcaaac	aaaactcatt	attgttgatg	300
ggaacaacaa	ctgtgcctta	cagctcaaac	ttatgtaag			339

<210> 1464

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<223> n = A,T,C or G

<400> 1464

cctcctttgt	tactagtttg	gagcagatcc	ttgcagacgt	tttcctctgc	attcacatgc	60
atgcaaata	acttctgaat	gcgcacgtat	gtctttatat	acagatagct	tttaacaaat	120

agcagggtggg	gccggcactg	tggtcacac	ctgtaattcc	aggactttgg	gaggctgagg	180
cggggggatc	acttgaggcc	agaagttgga	gaccagcctg	gccaacatgg	tgaaacacca	240
tctctactaa	aaatacaaaa	attanctggg	cggtgtggcg	ggtgtctgta	gtcccagcta	300
ctcaagaggc	tgatgcagga	aaatcgcttg	aacccaagg			339

<210> 1465

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1465

ctgacttctc	taccctgctc	atattttccc	ccaacccatc	cctcttccca	ccttttagtt	60
tttgaatccg	actaaaggaa	ctgaattcca	agagtccaat	aaattaaaga	aaaaaaagtc	120
atacaatccc	tacatccagg	aaataccaat	gtaatatatt	gggctttttt	ttggtatgcg	180
tttaagaaaa	tactattttac	ataaaaagtt	aaatatccaa	tgttttgctt	ttaacttaat	240
gtcattaaat	taaataaaca	ctaagtttac	acattttatt	aaaagtacca	aggtactttt	300
aatgaatata	agataattta	cttgactact	gcttttaa			337

<210> 1466

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1466

aaatcctata	tttctgggtt	cggacatttt	ggctattaaa	caggaataact	ccaaactatc	60
tctttcaaac	caattatttt	tcaattttat	aaatcttcca	aataagcaaa	agcaaccaca	120
accataagaa	caaagaatat	ggctacattt	atatagtatg	ttctttttca	aataatttgt	180
aaaggcaaat	ttgaaagctc	tagttgttta	cacgttatca	gtgatgagat	aaaaatgtta	240
gcataaaaa	ttggaaagca	ttaaatataa	taggaattag	agattgatta	tgtcaatctg	300
atcagtaaat	catgctgatt	tactgaaaac	aaattaca			338

<210> 1467

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1467

tgaccttttg	atcccaccat	gggactgttc	cccagcccta	agcccctgaa	atgggggggaa	60
agagaaccct	ccttttcctg	tgcccaactc	atgatctttt	gaacatgggt	tacctccctt	120
cgcggttttt	ggaacataag	gcaagcacaa	gctcttgagt	ctctagtttc	tgtgtgcatc	180
tactcttcc	gcctctggca	cctcccagct	cctgacttcc	tctgcttac	ccctggagcc	240
agagacgtgg	ctgggaagag	ccctggcct	ttgaagccag	aggtggtggt	gaccaggggc	300
aacaggccac	tgtgctcctg	gatgcgtgg	ctgccag			337

<210> 1468

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1468

tataacagaa	cacattttga	agcacaaagt	gacaggaagt	tcggcagggt	tctcaggcct	60
cattttttgag	gtatcctctt	ggttttgggg	cctcatctgg	cattgcttgc	tcaggccagg	120
cccagcaagc	gggggttagg	gcagggcaca	cactggctac	gggggtctct	gcagcaggac	180
agagggggct	ccctactttt	atttttcctg	gggggtcct	tgactgcttt	ggcaagctga	240
tactcggcgt	tatctggtgt	gtttttataat	tttttttagg	atgtgtgtgt	tcttcccttg	300
gaggggggtgc	cgtctttaat	ttttctgcgg	gggggttt			338

<210> 1469
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1469
 gaagaatgag gatcaaaaagg taaaataactt tataaatttaa tttttctttt ctttatcctc 60
 cgtgactgct ataaagactg tgaaagggtga aggctaattg agtagaactt ctttacatcc 120
 acaatgtatg ggatctactg tagtctacac agttgacagt gtaacataag ctttactaga 180
 tcagttcatt attataattc tatggccacc atctgtccct actcatagta agtttacaga 240
 gacgataaaa gatctaattt cagttctacc gatcccattg gctttataaa cccttaactg 300
 aagcttagca aaaggattag tagaaaacg 329

<210> 1470
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 1470
 ggcagccttc atgaccacaca tgtgaatgtg tcttatatca aatattatgt ttaatttaat 60
 tatgtgcaat tgaggtagaa taaaagaaga aaaaaagac taggacaagt ggaaaagaaa 120
 gagtagcaca gtacattttac agcagttgga aattatacat tttgcataag aggtaatcag 180
 gatatagact aagcagcact taaaaagata ttccaaacaa aactaatgtg caaacaaaat 240
 agaaggtatc tctaccactt tctctcattc atttaatagt ttagttatca tccaataaaa 300
 atttaagaca cggccggggcg cgggtggctca tg 332

<210> 1471
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 1471
 acccacctca gcctcccagc gtgctgggat tccagggtgtg agccactgca cccagccagg 60
 tgtgatTTTT aggcggaatc ttaacacagt attgaaagat ttcttcaaac cagaagaaaa 120
 gcaggtatct gaaacatttt agtgctggcc acagagttgg agatgaacag ggaagctgag 180
 gatcggcccg acggctggca gcaaatgaga ggagaccgga gcgcaaaca ttgacatgac 240
 ttctgttggt catgcggcct cttggaaaat gtttttccat gaactgttgt ttagaaatgt 300
 ct 302

<210> 1472
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1472
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 ttggcctggt tggaaaaggg tgcataaatt tctcaggtaa ctccaaaag agaaagctac 120
 gaaaattacc ttaatacatt cattacagtc tcagtataag attatagctt cctctcccaa 180
 agcgtaacca caacctgacg caggatgagt tggtttgaaa ataccgcata caatatcctc 240
 ttgagtagaa tcataattta gaactctaaa aatgaccgga aacaaaactg tccaagtttg 300
 ttaacgtaa tgtgtttcaa cttatttgac t 331

<210> 1473
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 1473
ggaccttttg atcccatcat gggactgctg ccagcccta taccactgaa atgggggggaa 60
atagaagcct tctttccttg ttgccactct tgtatctttt gaacatgggt tacctgcctt 120
cgcgtctttt ggaacaaaag ggaatcataa gctcttgagt ctctgttttc tgctgtcatc 180
tactcttcct gcctctggca cctcccagct cctgactttc tcctgcttcc ccctggagcc 240
agagacgtgg ctgggaagag cccctggcct ttgaagccag tggcgggtgg gaccaggggc 300
aacaggccac tgtgctcctg gatgcgtgg 329

<210> 1474
<211> 323
<212> DNA
<213> Homo sapiens

<400> 1474
ggggggggcg taaacgacag aaggggaactg ttgtattttt aatagacaat ttcacgacgt 60
tggcgaggct ggtcttgaac ccctgacctc aggtgatcca cccgcctcag cctctcaaag 120
cgctgggaca ggcgtgagac accgtgctgg gacagtagta acttctaagt gataatgtat 180
gcgtgggggtg gaaaggggag taccagtatt tttatttcta acacatatac aaaacaccag 240
cttgctgttc accctgaaga accctgggca cagagcttat tcatattatc gtgccatcgt 300
gccctatgca ttcttcaatg ggc 323

<210> 1475
<211> 328
<212> DNA
<213> Homo sapiens

<400> 1475
atccattggt aaagaaataa atcagcgctt caaagacaaa cttccagtgc ccattccaat 60
cgaattcatt atgaccgtga ttgcagcagg tgtatcctac ggctgtgact ttaaaaacag 120
gtttaaagtg gctgtgggtg gggacatgaa tcctggattt cagcccccta ttacacctga 180
cgtggagact ttccaaaaca ccgtaggaga ttgcttcggc atcgcaatgg ttgcatttgc 240
agtggccttt tcagttgccg gcgtctattc cctcaaatac gattatccac ttgatggcaa 300
tcaggagtta atagccttgg gactgggt 328

<210> 1476
<211> 323
<212> DNA
<213> Homo sapiens

<400> 1476
gagagaggac agagaggcgg gtcacagctt gacctgggtt ggtcctttcc agctttgggt 60
catagagagg aatttggtt ttcttttaag tgcaatggga aattgttgta agattttgag 120
cagggctgca ccattatttg acttatgtgt taacagcgtg agagttaaga atttgctgct 180
aggccaggcg cagtgggtca cgcctataat cccaacattt tgggaggccg aggtggtaca 240
cttgagggtca ggagttcgag accagtctgg ccaacatggc aaaaccctgt ctctactgaa 300
aaatacaaaag attaggttgg gca 323

<210> 1477
<211> 135
<212> DNA
<213> Homo sapiens

<400> 1477
ggaacctgaa atgagaaaag ggtagtgaag gaagacttga tgccttcat aactggcctg 60
catcctgccc agcccctcct ttctttccag aagcccacca gtggcccaga gtggaagggt 120
gggagtcaga ccagt 135

<210> 1478
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 1478
 ttgcctacaa ttctaccacg tattttctat aagcatgcaa atctagtata ggtagaggat 60
 attacaggct aattaatctc ttggcatctg gtctaccag gccagtgct ttgttcttga 120
 acaaacaaat aaaaaaaaaa cacagagaaa taaccatgca aatatgagaa atgttgacaga 180
 aatttgaaat tgagacagct tcctcttttc tataggattt ttttttaggg gaaaacaatc 240
 tctatattca gtcttatata ttacctgcct tcaaaaaatc aaacattga aagttaagca 300
 aaattcctgt cagaaagg 318

<210> 1479
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 1479
 aaatggacga aggaggaaaa agaaaggaga agagtttgaa gacagaagaa attaaggaaa 60
 gtaaactaaa gcaattgaaa ctatttggca atcctttccc tctcaactct aaggcttatt 120
 ctaaattagg ggttttctag atatacaatc atgtcatctg caaacaggga caatttgact 180
 tcctcttttc ctaattgaac accctaaatt aggaaagtta aacacctaaa atgtcaacac 240
 tttcatttaa agaattgtggg agagccgggt gcaagtggcc cacacctata at 292

<210> 1480
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1480
 gggaggggagc ggagggagga taggagagca ccacacatag tcaggggagg ctttcaaaag 60
 agtcttgact ctaagaatac caaaaaagaa aggtaatgca aatttcaaac ataccacatg 120
 cattttcttt tccttcccaa atcccactaa ggctattttt tttaaatcca ggttctagtc 180
 ctgggtttgt catgacctta atttaccctt cacctaatac cctttgactc agtttcttca 240
 tctataaact gaggggcttg gcctcactga gttctaattg cctttataca tttaatcttc 300
 tatgagtcta agatgcaatt tctc 324

<210> 1481
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1481
 tcacagtcac cacagcttcg ttgcacatct tatttctttt gataatcctt cagggtttttt 60
 tttaaagaca atattgtacc tttattttta ttattataca tttcttacat tgtcttatga 120
 ttctgatggg tcttcagtga tccactgaaa acacctttat aatcactgaa taggatatta 180
 aagaagtgtt tttcttgact ttatcacatt gcttttggat ctttgaaact ggagagaaaa 240
 gtcgggcaca gtggetcatg cctgtaatcc caacactttg agaggccaac aagtttgagt 300
 ccaggagttc aagacaccct gggca 325

<210> 1482
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 1482

aagggtggctt	tactaatcga	tattctttata	ctgacaagtg	ctcaaacatg	gcgtggcaaa	60
gccttcatta	agcactgatt	agcagttaat	ctgtctttca	ggcagctaac	tttgctgagt	120
aaatgtacca	atgaccccta	aaaatgctac	aataatttta	tttaaataat	tgcaagtctt	180
aggaacacct	ctaaatcata	aaaagaaaat	gaaaaaatag	aatgggtgac	actaacaatg	240
tgtatttttt	gttcattgct	aaaaaaaaaa	tgaaggtacg	gtgtcaagtt	tcatgggtga	300
ctttttcttc	ttagtcggaa	at				322

<210> 1483

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1483

ggctagagta	cagtggcatg	atctcggctc	actgcaacct	ccacctcctg	ggttcaagca	60
gttctctgcc	tcagcctccc	aagtagctga	gattacaggc	ttcggccacc	actcccggct	120
aatttttttt	gcattttttag	tagagatggg	ggtcctcccc	cgtgcctccc	ctaccactca	180
tttcgatccc	ctcaaattca	tcttctccct	gcttctgtgg	ctacattatc	ctgacctgac	240
ggaatatcgt	tctgcatggc	tcgcttcccg	atattttccc	cttgcacatc	accgggttact	300
catgttattg	cccctcgag					319

<210> 1484

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1484

tcagctaatt	cactcttttc	ttctttctgg	taaggaaatt	gaggcttcag	ggtgattttg	60
tgactttcca	gacatctgta	gtggaagaac	taggtctagg	cccaaataat	ttaattacta	120
gctgagcgac	ctgcacacaa	ctgcaagaaa	ttgttccatc	acaaaacttc	aggatgattg	180
gggttctctc	tttttctctc	ttttattcca	agcttaaaaa	aaaaaatctg	ctgaacgtcc	240
cactggagct	gaaattgtag	aagacaacta	gctctttaat	tatgatgtgc	agggagctgc	300
ttttactttt	cacttggctc	tg				322

<210> 1485

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1485

accctactac	ttgagaaatt	agctgctcaa	tattgacatg	gacactgaga	agaaaaatac	60
attttggcat	aaaattagga	agaataaaat	tttattatgg	gaggcttcac	attcaaaaac	120
aactaaagca	ttttaaaata	taccattttac	aataacaaaa	agagagttaa	ctgctcggat	180
cccattgaag	ttcatgaagt	tgatatactg	tagcaatcaa	aattctcaag	attaatattt	240
catgacagaa	tacctggatt	tagggccagg	cgaggtggct	cacgcctgta	atcccagcac	300
tttggaagc	caaggccggc	c				321

<210> 1486

<211> 321

<212> DNA

<213> Homo sapiens

<400> 1486

taaatgtcta	ctaccatggt	taacattata	tttgaccagt	attcattgaa	cagcaacaga	60
aaaaaaatat	agaatatata	agcaatgttc	tcaaaaaatc	attagcagta	aaataaaaata	120
tttttcttat	agtgaaaaag	taatcaccat	gataaagcaa	attccaatat	aagtacagaa	180
atatcataca	aaatatatta	cagtttttag	ttccattcct	gttatgtatg	ttagtaaaaca	240
aaaattagaa	tatttttaaag	cctatgtatg	acagttaact	atcagaatta	ttcttgtaca	300

ttgagaacac tagacagtag g

321

<210> 1487

<211> 322

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 1487

gaggaaacta	ctgtgtatat	gtttttaaaa	cattttgaaa	tgggtccatat	acttacatat	60
aattttctgaa	ttctgaaaga	ccaagatgat	tcttcaatag	ccacaggtct	tggaccctgt	120
ttctcttaaat	aactgtaact	atagaacttg	ctcagtgctt	tactcttagg	agaggcttca	180
gaaatatttta	ttgcatgcaa	ttactgaata	tatggcacat	gtaacatctg	ttgtatcaac	240
agataaacag	gattctgagc	tgtttttttc	tccattgggc	ttcaggtaca	tagaaatgga	300
ttgacggccg	ggcgtggtgg	cn				322

<210> 1488

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1488

agaagggggg	caccctgcca	tgccactgct	gcctgtgtat	gtgcatccca	cccttctccc	60
cgctgctgaa	ccaccactgt	agttagaaca	ttgtcgggga	cagagcccac	cagccccgct	120
cctgccaggg	cccactcctg	tgctgaaatt	atcaccagca	tgaaactaga	catgaagaaa	180
agcagacctt	gcccttccct	gagtggccac	tcttgcccat	gggaacacac	acagagtgtg	240
cacacagtcc	tgcaccaacc	agtgcccac	ccctgcacta	acatcactgc	tggttcacac	300
acccacagtt	atggggaggg	gcgttttccc	aagc			334

<210> 1489

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1489

aggtgtatcc	tacggctgtg	actttaaaaa	caggtttaaa	gtggctgtgg	ttggggacat	60
gaatcctgga	tttcagcccc	ctattacacc	tgacgtggag	actttccaaa	acaccgtagg	120
agattgcttc	ggcatcgcaa	tggttgcaat	tgacgtggcc	ttttcagttg	ccagcgtcta	180
ttccctcaaa	tacgattatc	cacttgatgg	caatcaggag	ttaatagcct	tgggactggg	240
taacatagtc	tgtggagtat	tcagaggatt	tgctgggagt	actgccctct	ccagatcagc	300
agttcaggag	agcccaggag	gg				322

<210> 1490

<211> 156

<212> DNA

<213> Homo sapiens

<400> 1490

tccggctgct	atattttctat	tgagggatgc	atttgccgtc	tgccctcctct	ttcttgttgt	60
ttgtgttagt	tgatttggtc	gttttaggtc	tttaagtatg	ttttgttttc	gtcttgttgt	120
tggttatca	tgtatttttg	tggtcagggt	gtcttg			156

<210> 1491

<211> 233
 <212> DNA
 <213> Homo sapiens

<400> 1491
 tcttataggt gatttctgtc ttataggtga ttataatcaa gtgtaggctt cctgaatttt 60
 gacatccttt tagaacttgg gtctggaatt ccagaaatgt taattgctgc ttgtatttgt 120
 tcttgtttgt tttttagcca gtatttgccc tttctatcca gccttatgaa taatagcagt 180
 aaaatcacag tatcttggtc agtcctttatt tttttccttt gttctttttt acg 233

<210> 1492
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1492
 tcactcaaaag gtttcattgt ctgaaatata agcctaaaacg tagtttatgt ttaggaagca 60
 acaaccgtaa atagtccac atccaaacgg agtggattta ggtttcactt tttcaaggaa 120
 aaaccatcaa ataaattttc cacatactta taaaccatcc cacgtataga atccattttt 180
 actgacacaa atttagtacc aataaacgac tcttcttctc aatttgtttt atttaacaat 240
 aagtcttgaa cgtcattccc agttaacatt ttgaagagtt tcctctcttt cgttctgctt 300
 tagctgcaaa gtattct 317

<210> 1493
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1493
 cagaggatta agttgagcat ggggcctcat tacagggcag ggactctgtg actgcactgc 60
 cactttccca taaagcctgc cttggggatg gggaaatacca cgtaggaaag agagtcttta 120
 aagtgttctg gggacagggt ttaaagttat ttgaatgact taagagctcg tgatgtcctt 180
 tagatacaaa agattttcac gtggggaagg acattaaatt tgttttttat aaagttcact 240
 ctggcgtcta atcatgtaga aagactagta ggtaagtcaa ctaaaaaact gttggatagt 300
 ctaggaaagt ggtt 314

<210> 1494
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 1494
 taatgttaga ggactgtgaa agttggggaa agaagtttag tttgtaggta cttgtttttt 60
 tgagcagggg attgtcttgg ctggaggtga atgtcagata ggtaaatgta ggcaagtgta 120
 gaatggaaat gaaggtgtga tcatttagga ggttatttgt ttaggtgaga gagttaatga 180
 attaggtttt gtattaacga atgaaaatgg gagcagataa atttttaaca aattaagaat 240
 catattttta aatcagcacc aggcacctag aactcattgg caaatagaaa ctttcaaaaag 300
 atataatcag gtn 313

<210> 1495
 <211> 314
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 1495

gtgccttccc	atcagccccc	gtgctgggta	ccgggggaacc	tgggggttcct	ggtttgagct	60
cagggagagc	cttggggccac	taggggtacc	ccaacgcggt	ggaaagccca	tgacaggaag	120
gtgagctgtg	agggaggaga	ggtgaggcac	tactggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
gggccccgtg	gacccaggcg	accctgggtc	taggcctggg	tgcacctcan	gcccgctagg	300
tgtaccccaa	agca					314

<210> 1496

<211> 312

<212> DNA

<213> Homo sapiens

<400> 1496

acagtcagag	gtaaagaggt	cactgatgat	cttggtcaga	ggagtttcag	gagcctgaca	60
gggacggaag	ccggcaagcc	ccgaatcagg	gaaggagtgg	gaggtgagaa	cagatgatca	120
agggcagatg	actcttgcaa	ggcgtggctg	agaagcatag	agacacagtg	aggctcttgg	180
gggacaactg	gaaggcatgg	ggcactttga	ttttaactca	gggaaccctg	agcttaccta	240
agtgcagatg	gccagtcaca	gctgcaaccc	atagactaag	aagccatggg	ccaggtgcag	300
tggctcacac	ct					312

<210> 1497

<211> 314

<212> DNA

<213> Homo sapiens

<400> 1497

gcgtgtgtga	gtgggtgcat	gtgtgagtgg	gtgcgcgtgc	gtgtgtgagt	ggatgcatgt	60
gtgtgtatga	gtgggtgcat	gtgtgcgtga	gtgggtgcat	gtgtgcgtga	gtggatgcat	120
gtgtgcgtgt	gtgagtgggt	gcatgtgtgc	gtgtgttaat	gggtgcatgt	gtgcgtgtga	180
gtgggtgcat	gtatgtatcc	gtgggtgcat	gtgtgcacgt	gtgagtgggt	atgcgtgcgt	240
gtgtgagtgg	gtgcatgtgt	gaatgggtgt	gtgtgcgtgt	gtgaatgagt	gcatgtgtgc	300
atgtgtgaat	gggg					314

<210> 1498

<211> 307

<212> DNA

<213> Homo sapiens

<400> 1498

ggaggcggct	gtggcatttt	gctcacattg	gatacctgat	tgggacattt	atttaaaatg	60
ctacccattt	tcaaatttct	gagccaacat	catgatttaa	ttataccggc	ttcatcgcaa	120
gtttttacaat	ccgataaagc	aaggcccaat	tcattagcta	tttttttctt	tatataacat	180
gccctaaaca	ttcatttttt	cttgtgaaaa	aatgaaatgc	acaattttta	taaaattcta	240
attatgacgg	ctgacattcc	aattaaaaac	ctgcattttt	gtttagaggg	ctctttaata	300
atattag						307

<210> 1499

<211> 251

<212> DNA

<213> Homo sapiens

<400> 1499

gaacaataact	tttctctaac	atcgtagcgag	gaagaaaaca	aacacatcag	atatttttcag	60
cactaaaaga	gatggctttc	cccacatata	tgtcaaagaa	atatgcaaga	ctactggatt	120
ttgatctcat	ggttgcagcg	ggtgaatagg	tggccttttg	tgatctocta	catcaccctg	180
gaagtgagac	ttcttcgggt	tcttctagag	tcagattggg	atcagaatgg	catagcaact	240
taaccttgca	g					251

<210> 1500

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1500

tgacctggat	caactatgaa	catttacatt	tattagttaa	catctacatt	ggctaaactg	60
tagcatctga	cttgatgtca	tcctaaaata	atatttcctt	cggagtattt	tcttcactct	120
gtaattgcta	actgctttcc	tatttgtttt	gtaacttatt	tccttaatta	gagaatattt	180
ttaaaaataa	aatttgagca	aggattgtag	atacctgaga	tttagtctgc	ctctgcttta	240
aatcagtgtg	ccagtttgct	aagtttgcca	taatgaagta	ccacagagaa	cgagtagttt	300
aaacggcag						309

<210> 1501

<211> 309

<212> DNA

<213> Homo sapiens

<400> 1501

gtgccttccc	atcagccccct	gtgctgggta	ccgggggaacc	tgggggttcct	ggtttgagct	60
cagggagagc	cttggggccac	taggggtacc	ccaacgcggg	ggaaagccca	tgagaggaag	120
gtgagctgtg	agggaggaga	ggtgaggcac	tattggcaga	aaagaaaaag	aaaccacgcc	180
acggagagcg	ggacctgggt	ctcccatgga	aaaaagtgcc	ttcccatcag	tccctgcgct	240
gggccccgtg	gaccagggcg	accctgggtc	taggcctggg	tgcacctcag	gcccgcctagg	300
tgtacccca						309

<210> 1502

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 1502

ggactttggc	aaagagcctg	cgcaaatgct	gtcaccgata	ttccagtctg	gatacctagaa	60
agggttcaatt	ctacttcaac	aaagaaaatt	tttgagttat	aggaataagg	acggtaattct	120
gcattttgtc	tctttgtatc	ttcagtaatt	tacttgggtc	cgtcaggttt	gagcagtcac	180
tttaggataa	gaatgtgcct	ctcaagcctt	gactccctgg	tattcttttt	ttgattgcat	240
tcaacttcgt	tacttgagct	tcagcaactt	aagaacttct	gaagttctta	nagatctgaa	300
gttctt						306

<210> 1503

<211> 283

<212> DNA

<213> Homo sapiens

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<400> 1503
cattatagtt gattttgcta aatcttaatt taaaagcctc attttcctag aaatctaatt      60
attcagttat tcatgacaat atttttttaa aagtaagaaa ttctgagttg tcttcttgga      120
gctgtaggtc ttgaagcagc aacgtctttc aggggttgga gacagaaacc cattctccaa      180
tctcagtagt tttttcgaaa ggctgtgacg atttattgat cgtgatatga cttgttacta      240
gggtactgaa aaaaaatgtc taaggccttt acagaaacat ttt                        283

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<210> 1504
<211> 282
<212> DNA
<213> Homo sapiens

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<400> 1504
gagccaccgt gcctggcctc accattgtta aaattatgga aatcgtgttt gcaaagcagg      60
ttggcctgtt tggaaaaggg tgtcataatt tctcaggtaa ctccaaaaag agaaagctac      120
gaaaattacc ttaatacatt cattacagtc tcagtataag attatagctt cctctcccaa      180
agcgtaacca caacctgacg caggatgagt tggtttgaaa ataccgcata caatatcctc      240
ttgagtagaa tcataattta gaactctaaa aatgaccgga aa                        282

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<210> 1505
<211> 380
<212> DNA
<213> Homo sapiens

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<400> 1505
atggatgaag atttgtcagc ctcccaggat cactctcaag cctgactctt gatacaagag      60
aaaatgactt tattcaagag cctgatggat agatttgagc atcattcgaa cattctcctt      120
acctttgaaa ataaggatga aaatcacttg ccattggtag cacctaacaa attggaggaa      180
atgaaaagac gaatcaacaa cattttggaa aaaaatttat tctacttcta gaatttcatt      240
actacaagtg cttagttctt ggtttggtag atgaagtgaa atcaaaattg gatatttgga      300
acattaaata tgggagcaga gaatctgtgg aattattgct ggaagactgg cataaattta      360
ttgaaagaaa aagaattcct                                           380

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<210> 1506
<211> 353
<212> DNA
<213> Homo sapiens

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<400> 1506
ctgatttgga gctggctgac aggaagtgtc tcaacccac aggagtatgc tgatgtaaaa      60
cagagaagaa ttcagttccc acaacagaaa gcaaaggcct tagccttatt ttatgccaga      120
ctagctgact ccagggacca tgatctgtgt ttctctgaaa atcattctac tttctaattt      180
ctctaaacct acaaaaactt ttctcctcct cttctctttt atcttcctcc tctataacaa      240
ccaggccttt gaaggatatc ggggtgggaa agaaaagggt ctaatagggt aatatgtatt      300
gaaagaagtc gatgaaataa attttttaaa acatcaagta aaataggcaa cac           353

```

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<210> 1507
<211> 347
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(347)
<223> n = A,T,C or G

```

<400> 1507
 tccacgggat acctgggcac tgggtgactg cacctgactg gtggaaagta ntactcaccg 60
 ccatgcacca gcctccctcg cccagtgaa ccctgccaac cccaccacct ccagagcctc 120
 acccctgcac caacactgcc gcaagagtga aactaggaag ggagaacaat ggacctcccc 180
 taccctgagc agccacccca cctgagtgat catgcacaga gggcaggcac agacctgcac 240
 ccgccagcac ccgaccccca tgctaatacc accaccagca cagtagccag caggggacct 300
 caaagcagta ttgcctctgc tgctgctgtg aatgcctgca gggagggc 347

<210> 1508
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 1508
 tgggaacaat ccaaagagtc taagtttctt ttccatccag cgtgagtttc ctatttagtg 60
 aagtaaagct caacttttat caatagtttc attctcttgt ggtatgtaaa acctacacac 120
 actcagaggc acccagagga aactacactc tgagggtatta gttaaattctc tgcaag 176

<210> 1509
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 1509
 ggagtcggac tgggagtga acccagctca attcctaata ggttgaagat atgattacct 60
 caatgcagtc tgcttatcag aaaggcatat catatcatcc ggatgtttta tatacaatgg 120
 ttggcataca acaaaagact gttagatatt gaaggaagca agaaaatgtg accaaatcaa 180
 gagaaaacaa aaccaaataa agaatatcca gataattgag ttagcaaatg agaaccttaa 240
 aataactgat taacaagttt tagatgataa aagaaadagag aacttccgtt ggaatctgca 300
 gaaatggtgt aaaatgaata ttctacaact ggag 334

<210> 1510
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1510
 tccgataaag caagtccac ttcattagtt ttttttttct ttatataata tgtcctaaac 60
 attcattttt tcatgtgaaa aaatgaaatg cagaatttta ataaaatcct aattatgatg 120
 gctgacatca caattaaaat cctgcatttt tgttttaaagg gctctttaat aatattaaat 180
 cttagcactc aagagtcttc gtacatcatt gaaatctttt ggtcttggtt ttggaatatt 240
 cttcacgtaa gtatatcata gctaactgaa tttatttcta agtattttta cagttttatt 300
 tcatattttg acattgtgaa ttgggttttt t 331

<210> 1511
 <211> 434
 <212> DNA
 <213> Homo sapiens

<400> 1511
 atatctacat agatcttttt gcattgattcc accgattcca tccgcacgaa ttccgttgct 60
 gtgcctaat gtaacaaaac tattatctgg aagagccaaa atttgaactc agatctctct 120
 ggccctacta aatgcatcac cataaattat ttcatgggca atctttccct gcaccttaat 180
 tgattttatt ctgccaaatg tatgtgttcc tacatcttta tggaatattc tgacatggga 240
 atgccccag gtctgtgaag actggcttct ctgggggttg atcaataaat gaaggaaaat 300
 tttgcagggg gttatacaag atgggggggt gaagggggac aaattggtca atatagctcc 360
 cttcaaaaac aaaccctcag tatatctttg tgatgccaaa ctagagatta tttcctttgt 420

434

<210> 1515

<211> 413
 <212> DNA
 <213> Homo sapiens

<400> 1515
 cggttgctgtc ggatcatttg aagcaaacct cagaaatcac tttattccta aatatttaag 60
 tatgcatctc taacttatta aaattttttt ggttttggtt tttgtttttc tgagacggaa 120
 tttcgctctt gttgccaggt ctggagtgca atggcgcaat cttggctcgc tgcaacctct 180
 gtctcccagg ttcaagtgat tctcctgtct ctactaaaaa aacaaaaaaa atcagctggg 240
 tgtgggtggcg ggggcctgta atctcaacta ctcgggaggt tgaggcagga gaattgcttg 300
 aacctgggag gtggagattg cagtgaactg aaatcacgcc actgcactcg agcctgggca 360
 actgaacgag actctgtctc aaaaaaaaaa ggccaggcat tgggggttca tgt 413

<210> 1516
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 1516
 tacggctgct atgaagtcta cagaagggtg cccctgceaa tgttaccctt ctcaatagcg 60
 ttgcatttct tgaaagtctt ttatcttaaa agttgtatgt ggattttcaa ctttatgttt 120
 ttatttttaa aaataagatg tgatgttatt tttcaaagct caaaactatg tttaccctat 180
 aagttacaag cctcctgggc cacatattca tttttaagaa gcagagaatt atgatgacat 240
 atggatttca ggacctctga gggaaacttg atggggggac cattaatatt gtatgtgcgg 300
 ccgggcgcgg tggctcacgc ctgtaatccc agcacttggg aggccgaggc gggcggatca 360
 cgaggtcagg agatcgagac catcccggtc aaaacggtga aaccccgctc ctactan 417

<210> 1517
 <211> 376
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 1517
 taccctgcc aatgttacc ttctcaatag cgttgcattt cttgaaagtc ttttatctta 60
 aaagttgtat gtggattttc aactttatgt ttttatttta aaaaataaga tgtgatgtta 120
 tttttcaaag ctcaaaacta tgtttaccct ataagttaca agcctcctgg gccacatatt 180
 catttttaag aagcagagaa ttatgatgac atatggattt caggacctct gagggaaactt 240
 gcatgggggg accattaata ttgtatgtgc ggccggggcg ggtggctcac gcctgtaatc 300
 ccagcacttg ggaggccgag gcgggcggt caccaggtca ggagatcgag accatcctcg 360
 ctaanacggt gaaacc 376

<210> 1518
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 1518
 cggttgctgtc gcattatcat ggaattgaat attgcttgga tgaccgaaaa gcttttgaaa 60
 gagatggagg attttctgaa cttcagtctc gtcttattcg ttatgaaact caaactacct 120
 gcaccagaga aagttttcca gtacctactg tgttgagccc tcttccatct cctgtagttt 180
 cgtcagatcc tggaaagtgc cctgacggag aagttttaca aaatgaactt cgaactgaag 240
 tatcccgatt gaaacggaga tctaaagatc tgaattgcct ttatcccaga aaaagacttg 300
 tgaaatcctg aagttcagag tctcttcttt ctcagacaac tggtaatagt aatcactatc 360
 atcatcatgt gacatccaga aagccacaaa cagagcgggtc cttaccagtg acttgn 416

<210> 1519
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 1519
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 gtgtctgtctc ctgagcttaa aagtagcttg agaaagacag tgatattatc agaaaagaat 120
 gtgcataatg aaaagttgaa acttttataa actcactcaa aactaagttt taaaaaagag 180
 ccaccgcgcc cagcctgaga cgtgttttaa agactgactt ttgtttcttt tctagatata 240
 aatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tggcatataa 300
 ttattttaac ttgccatatg aaaacctaag gcacagggag gtaactcgcc tacaggtgca 360
 gccctaggaa gtcagggagc caggattcac tgtcagctga ctgactc 407

<210> 1520
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1520
 ggcacgagga atgaatgaag attgtcttat tagctttgga ggaagctgtc aggtgatagg 60
 atggacagta tgttgggaaa ggtctctctg gcatgaagag gtggcatatg gaaatggcat 120
 ctgagctgag agcataggcg ggcgagaagc cagttgtggg caaatgctt tctatgaacg 180
 gaggaagtaa gtgcaaaggc cctgggggtg gaatgtgcac aatgaaacca acatggtgca 240
 gccgagcacg gcagtgtggc ccacaggagg ctggacaccc ctttgcccca gcccatgect 300
 tctgggcagg ccacaccgc tgtcctttct ggctgtttag aggaagtaga aatcagatac 360
 agaaattccc acctctgttc tttgttctt tgtctcagct 400

<210> 1521
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 1521
 tacggctgcg ttaagactac agaagggctc gacccacagt cacgccttct agaaccctcc 60
 acctcaggcc gctcgggggc atgccgggat ttgttgtgtg tagagggccg ctgccgcgag 120
 ggatgccggg atttgcagtc cttccggact acaagcaaaa tggctgcttc tcgacctctt 180
 agctggggct taggggtgtc ctggctggcc aagagtatga cctaggttca aatcctcact 240
 ccgcaagttt cgtatctcag tttccacagt agtaaaatga gataataata gtacatataa 300
 tcatagagtt gatgtgcgga gtacatgaat ttaaaccatc agagccaggg cagggcggtg 360
 gctcactcgt gtaatcccag caatttgga ggtggaggcg ggaggatctc ttgagc 416

<210> 1522
 <211> 417

<212> DNA

<213> Homo sapiens

<400> 1522

ggcacgagcc	tttccaagtt	ctcactgctg	gaaagagcta	gaagcacagt	tcaaagttct	60
ggcttctgga	ctctgcagtc	caggtctccc	ttctcccact	tgcctaccct	caatgccaca	120
ctgtttttga	agtggcccat	aacttgaagg	aaaagtttaa	agacagttca	atttaatcat	180
cagaatgcat	tctttttttt	ttcggagacg	gagtttcaact	cttactgccc	aggctggagt	240
gcaatgggtgc	aatgatctcg	gctcactgca	acctctgcct	cctgggttca	agtgattctc	300
cagcctcagc	ctcccagagta	gctgggatta	tggggcgccca	ccaccatgcc	cagctaattt	360
ttggattttt	ttttttaaaa	aaaatggggg	ttccccccagg	ggggccaagt	cttggcg	417

<210> 1523

<211> 387

<212> DNA

<213> Homo sapiens

<400> 1523

ctatgctttc	tggaaactttg	cccttttagca	aagtaaattg	ctcatcattt	ccggaacatg	60
cagtgttggt	tcttgctcct	gctccccttt	cctggaatgg	ctgcccctgt	tcctccacct	120
gaaacatcct	tcttccttct	tcaggtccca	agcaggttgt	ctactacccc	catgggcttt	180
gcacacacct	gcactgtagt	atgtgttgca	ctgtgtggtc	atggtttcca	ggttgattgc	240
agacagcaag	cctgggagtt	tctggagatc	tcaagagtga	ggctccttca	gctgtgtgcc	300
tccatgcctc	acctattgcc	tcacctgcaa	caggtgctca	acaagtgttt	gctgttaagt	360
aaaagtgaag	gggtgggtgac	aaaaaca				387

<210> 1524

<211> 404

<212> DNA

<213> Homo sapiens

<400> 1524

gcttgccagt	ctttgctttg	ataggtgggt	tttgcttagg	ctacgataaa	ttgtttcatc	60
ttttctaaag	agggatgagg	aagtatttac	tttgtgagat	tggaaaaccg	tgtggttggt	120
gtggaaaata	agcatgttat	taataaacag	ctagtcttgt	gctccatact	cttggttgga	180
aggtagaaat	aaccttgcc	ctattgctga	gatttaaaaa	aataaaaagc	taggctacta	240
cccggtgcct	cctcgtccac	aacacaggca	caggggtggca	ggtagtgatg	agaaacaggc	300
tgccaagatg	gtccctggat	gactaggagg	tgtgtgatgt	gcgtccagtt	gtctggatgg	360
ggcaactgga	atccttcatt	gtgtgggttca	tgcttgtgtg	tgca		404

<210> 1525

<211> 416

<212> DNA

<213> Homo sapiens

<400> 1525

cagaacccaa	agcggaagca	ggctccaggt	ctcggagctc	atccagcaca	cctacgagcc	60
cgaagccct	cctgcagtc	cccaaacc	gtctggcagc	acggcccgtc	atcccgcaga	120
aaccaagaac	cgctcacgg	cctgatgaca	ttccagactc	tccatctagc	ccgaaagttg	180
cccttcttcc	acctgtcctg	aaaaaagttc	cttcagacaa	agagagagat	ggccagagta	240
gccccagcc	cagccccagg	acattttcac	aggaagtttc	aaggagaagc	tggggccagc	300
aggcccagga	gtatcaagaa	caaaagcaac	ggcctccag	taaagatggc	catcaaggca	360
gcaaactctaa	tgactccggg	gaagaagcag	aaaaagagtt	tatttttgtg	taaagg	416

<210> 1526

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1526

ctctgcctcg	gccggttaagg	ccgaggacga	ggttgaagga	tggccgagag	gagaccgagc	60
gtgaggggtc	cgggggcgag	gaggcgagc	gagaagtccc	cagcgctggg	ggagaagagc	120
ctgccgagga	ggactccgag	gactggtgcg	tgcctgcag	cgactaggag	gtggagctgc	180
ctgcggatgg	gcagccctgg	atgccccgc	cctccgaaat	ccagcggctc	tatgaactgc	240
tggctgcca	cggctactcg	gagctgcaag	ccgagatcct	gccccgccgg	cctcccacgc	300
cggaggccca	gagcgaagag	gagagatccg	atgaggagcc	ggaggccaaa	gaagaggaag	360
aggaaaaacc	acacatgccc	acggaatttg	attttgatga	tgagccag		408

<210> 1527

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(413)

<223> n = A,T,C or G

<400> 1527

cgttgctgtc	gccacaaagc	tattagtagt	taatcatata	aaacttacct	gcttggagaa	60
gaacgttgga	aaattttgct	gctttagcaa	aaacttgata	aaagtgaggc	atttgaaaaa	120
aaggcatttg	ttgctgtgga	actcacattg	ttaatcatca	gtaggtttat	atgtaaaaac	180
ttggaatggt	cttgaaattc	tcaaaatggt	ataggaatta	ttttataaaa	tggtttattt	240
tottacatgc	tgttttggt	tttctacctt	actctttgtg	cttaaaagga	gaaaggtcct	300
tactaaaacc	acttcccttg	tttctttata	gaatttacaa	cgggaatgat	tttaccacg	360
aaagctatgg	caaccaggga	attgactgtc	aaaagaaaac	tgagtgggaa	tan	413

<210> 1528

<211> 164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(164)

<223> n = A,T,C or G

<400> 1528

tccttannaa	atcactccct	gacttaaatt	ttaaatagtg	ccttgactat	cttttacagg	60
aagggaatagt	attacatata	tcanaattgt	ttcattcatt	tttaaataat	tggaaaactc	120
ttaaaaatac	cacaggaggc	tgggtaccgg	gggtcatgc	ctcg		164

<210> 1529

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 1529

cgttgctgtc	gggaggagct	ggaacaggag	aggaatcact	ggcagtctga	attcaagaaa	60
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gtccaacatg	aattggatgat	ctacagtacc	caggaggcgg	aaggcttgta	ctggagcaag	120
aaacacatgg	gttatcgcca	agctgaattc	cagattctga	aagctgagct	ggaaagaacc	180
aaagaggaaa	agcaagagtt	aaaagagaaa	ctgaaggaaa	cagagacaca	cctggaaatg	240
ctgcagaagg	ctcaggtctc	ctaccggacc	ccagaggagg	atgacctaga	aagggtttt	300
gcaaagctta	cgcggtacg	tatccacgtc	agctatctcc	ttactttctg	cctccctcac	360
ttggagcttc	gngagatcgg	gtatgactca	aaacaagtgg	atggt		405

<210> 1530
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 1530						
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gtgccaccgg	ctgcggctct	ctcgccgcct	ctgccggaag	tgctgctgcc	tgccgcccct	120
gagctcctgc	ctcagttccc	cagctccctg	gccacggtgt	ctgcctctgt	gcagagtgtg	180
cccacccaga	ctgccacact	tctgccacca	gcaaaccac	cgctgcctgg	cgggcccggg	240
atcgccagcc	cttgcccaac	tgtccagctg	acggtggaac	cagtccaaga	ggagcaggcc	300
tcacaggaca	agccgcccgg	cctcccgcag	agctgtgaga	gctantgagg	ttctgatgtc	360
acttctggaa	aagagctgag	tgacagctgt	gaaggcgccct	tt		402

<210> 1531
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 1531						
gattcgaatt	ccgttgctgt	cgtggacatc	taaggatgga	ctcgggtgtct	cttaattcat	60
ttagtaacca	gaagcccaaa	tgcaatgagt	ttctgctgac	ttgctagtct	tagcaggagg	120
ttgtattttg	aagacaggaa	aatgccccct	tctgctttcc	tttttttttt	tgggaaacaa	180
agattggctt	tgttgcccag	gcggaggggc	gaaacaacaa	tttgggtttt	accggaacc	240
tcggtttcgg	gggttaaggc	aattttccgg	cctaaccctc	caagagtttg	ggagataccg	300
gcctggggcc	cccccccggg	gggagatttt	ggtttttata	aaaaaaaggg	gttaaccatt	360
gtggcagggc	gggtctaaac	tcccagacca	tgggaaccgc	cctcccg		407

<210> 1532
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 1532						
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agcagtttct	gtttttcgaa	gatcaactca	agaagcaaga	gttagcccg	ggtcaaatgc	120
gaagtcagca	aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcctgctttt	180
ccacacacca	gaacaattcc	ttgtgtaatg	tatttgcaga	tcaacctaat	aaaagtgatg	240
caaccaatta	tgctagccac	tctcctcctg	taaacagggc	otaaacgcc	gctgctactc	300
taagtgcgtg	tcagaattta	gtggttgaag	gactgcgatg	tgtagttttg	ccagaagatc	360

tttgccacaa atttctgcaa ctggcagaat ctaatacagt gagaggaata gaaacn 416

<210> 1533

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1533

ggcacgagggc	aagacggcgg	tgaagaaacg	gaatctgaat	ccggttttca	acgagactct	60
ccggtactcc	gtcccgagg	ccgagcttca	gggcccgtg	ctgagcctgt	ctgtgtggca	120
ccgcgaaagc	ctgggtcgca	acatctttct	gggcgaagt	gaagtgtccc	tggacacgtg	180
ggactggggc	tctgagccca	cctggctccc	cctgcagccc	cgggtccccc	cctctcccca	240
cgaccttccg	agccgcgggt	tactcgccct	gtccctcaag	tacgtccccg	ccggtccga	300
gggcgagga	ctgccccga	gcggggagct	gcacttctgg	gtgaaggagg	ctcgggacct	360
cctgcccgtg	cgggcaggat	ccctggacac	ttacgtacaa	tgcttcgt		408

<210> 1534

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 1534

caaagaaggt	acccctggga	gcccacgga	gaccccaggc	cccagcccag	caggacctgc	60
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccag	caggacctgc	120
aggggacgag	ccggccgaga	gcccacgga	gaccccaggc	ccccgcccag	caggacctgc	180
aggggacgag	ccagccaaga	gcccacgga	gaccccaggc	cccagcccgg	caggacctac	240
aagggatgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccgg	caggacctgc	300
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	ccccgcccgg	caggacctgc	360
aggggacgag	ccagccgaga	gcccacgga	gaccccaggc	cccagcccgg	cn	412

<210> 1535

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1535

cgttgctgtc	gcccctcgcc	tcgtctctat	ggcccctggg	ggctggaggc	cttgcccgga	60
ggagacctga	tgccctgcacc	tgctgacccc	acagccaggg	agggcctggc	agccccaccc	120
aggagacttc	gctctaggaa	ggtgtcctgc	cctctcacac	gtagcaatgg	ggacctgtct	180
cgttccctga	gcccctcccc	actgggctct	tcagccgcca	gcactgcctt	ggaacggccc	240
agcttcttat	cccagacagg	acacggagtc	tcccggggtc	cgagccctgt	ggctcctgggc	300
tcccaggatg	ccctgcccac	agccacagcc	ttcacggaat	atgtccacgc	ctactttcgt	360
gggcacagcc	cccagctggc	tggtctcgagt	aacttgggga	gctgaccatg	ac	412

<210> 1536

<211> 412

<212> DNA

<213> Homo sapiens

<400> 1536

ggcacgagcc	tcggcctcgc	tgtcttctgc	agccgctact	ggaacctcca	cctcgactcc	60
agcgcccccg	acagcacgga	agcatctgga	taaagaacag	gttagaaagg	cagtggacgc	120

tctcttgacg	cattgcaagt	ccaggaaaaa	caattatggg	ttgcttttga	atgagaatga	180
aagtttattt	ttaatgggtg	tattatggaa	aattccaagt	aaagaactga	gggtcagatt	240
gaccttgcc	catagtattc	gatcagattc	agaagatata	tgtttattta	cgaaggatga	300
acccaattca	actcctgaaa	agacagaaca	gttttataga	aagcttttaa	acaagcatgg	360
gattaaaacc	ggttctcaga	ttatctccct	ccaaactcta	aagaaggaat	at	412

<210> 1537

<211> 385

<212> DNA

<213> Homo sapiens

<400> 1537

cgttgctgtc	ggcacaagcc	aatttttctt	atgatcaaaa	aattctttct	ttcctctgag	60
tgagagttat	ctatatctga	ggctaaagtt	taccttgctt	taataaataa	tttgccacat	120
cattgcagaa	gaggtatcct	catgctgggg	ttaatagaat	atgtcagttt	atcacttgct	180
gcttatttag	ctttaaaata	aaaattaata	ggcaaagcaa	tggaatattt	gcagtttcac	240
ctaaagagca	gcataaggag	gcgggaatcc	aaagtgaagt	tgtttgatat	ggtctacttc	300
ttttttggaa	tttctgacc	attaattaaa	gaattggatt	tgcaagtttg	aaaactggaa	360
aagcaagaga	tgggatgcca	taatg				385

<210> 1538

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(396)

<223> n = A,T,C or G

<400> 1538

cgttgctgtc	gggccatctt	gtcttgtctt	attcagggca	gnnggaagctt	taccacttct	60
ctactcttct	tcatgttatt	gaagcccagc	taaaatgaac	caacttagaa	tataaaatta	120
ttttaatatt	tcttcatctg	acttctaata	ccattgttct	ttttgctgta	tctgaagata	180
gtcccaactt	ctcaaataatg	ttattaattt	ctgggctgta	aaatgaatat	ggaagagggga	240
ctcaaatttt	gtaaatgctg	tggggttaca	aatcaccaat	tgtcctctgc	ctctgtgttg	300
cctcagccta	cgcgaagacc	tccctacaca	cacacacaca	cagacacaca	catccctgaa	360
gtcactctaa	atatcagtaa	ttatgaaagt	ggccccg			396

<210> 1539

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1539

cgttgctgtc	ggtccatctt	gtcttgtctt	attcagggca	gtggaagctt	taccacttct	60
ctactcttct	tcatgttatt	gaaccccagc	taaaatgaac	caacttagaa	tataaaatta	120
ttttaatatt	tcttcatctg	acttctaata	ccattgttct	ttttgctgta	tctgaagata	180
cacccaactt	ctcaaataatg	ttattaattt	ctgggctgta	aaatgaatat	ggaagagggga	240
ctcaaatttt	gtaaatgctg	tggggttaca	aatcaccaat	tgtcctctgc	ctctgtgttg	300
cctcagccta	cgcgaagacc	tccctacaca	cacacacaca	cagacacaca	catccctgaa	360
gtcactctaa	atatcagtaa	ttatgaaggt	ggc			393

<210> 1540

<211> 392

<212> DNA

<213> Homo sapiens

<400> 1540
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 ttatctatat ctgaggctaa agtttacctt gctttaataa ataatttgcc acatcattgc 120
 agaagaggta tcctcatgct ggggttaata gaatatgtca gtttatcact tgtcgcttat 180
 ttagctttaa aataaaaatt aataggcaaa gcaatggaat atttgcagtt tcacctacag 240
 agcagcatat ggaggcggga atccaaagtg aagggtgctg atatggccta cttctttttt 300
 ggaatttcct gaccattaat taaagaattg gatttgcaag tttgaaaact ggaaaagcaa 360
 gagatgggat gccataatag taaacagccc tt 392

<210> 1541
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 1541
 tgggagagat ataaacaaat aaggaaaata gtttgcataa ctgacttaga acagaatact 60
 gaaatcagtc cagcataatg catgagcaag ttagtaagaa gattagattg gctggcattg 120
 aggcaaatgt aaagttaatt tggaatttgg cagactatac tgtggatata aaaaaatgac 180
 tagagccaga ccagccaggt ttaaatccta gctcttccat tctactgagca ctcacacaag 240
 tcacttactc tctgcactta cctcatccat agcactgttg cgaggattaa aggaggcaat 300
 gcttgtaaaa ttcttataac agttcctgta cataaaaaat tatccataag ggccgagcg 359

<210> 1542
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1542
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 ttatttttaa aacaaataag atacttacat tattaacaga agagcatact ggtttcgggc 120
 cataaaatct ttgggaaggg acaactgtaa aggaagttct tttaaagaaa gagcaaaata 180
 ttaaagatgg agagtcattt acaggtaaaa ctataagacg cagagaaagt tgttcttgaa 240
 taacatagca tgcacaaaat tttaccatag tcgtcaatat gaaggatttt aatttctggc 300
 tttcctatct tcttcttcag gatagcttcc ttcagcatag aattgctttc caatg 355

<210> 1543
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 1543
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 atggagtagt tgcattgcat ttggcttatt catcttttaa gtctcttctg tattttacta 120
 gctccttttc ttttcttgcc atttgtccag tagagttttt ctattttaga tattttattt 180
 tgttttatcc ttgtggcgat gtgaatttta tttccattgg tgataaaggc caatttaagc 240
 tatgtgattt cttttggtat actttgaata agaaaatata gaatgacaac aaactactat 300
 aaattcagta acagattcaa ttttaatttgt atttcatgtg agcaaaacag ctgaaaa 357

<210> 1544
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1544
 aggagaaaca acagagggat attttcataa actattaatt ctatcaacta agaacaaatc 60
 agcagaaacg ttcacagcta ccattaccag cattccatgt gagtataaag attctacaag 120

acttacttca	cgataattta	gtatgattat	ttcttctaca	gtttttgcta	taagaggccg	180
aacccttcc	tgtcctaata	taaaaatacc	acagtacacc	ctccccaaca	tgaccgactc	240
ttcagcatat	aaaatgctaa	ctaagctttt	ccgaatgcac	aatttgggg	ttttcctttc	300
ttcttcttta	tacatgtcta	tattgggttg	cttttggttt	ggtttgcat	ttttctacca	360

<210> 1545

<211> 384

<212> DNA

<213> Homo sapiens

<400> 1545

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tctgaagaat	ttggtgaaaa	tgaagaagaa	aatgtgcatt	ccaaggagtt	actctctgca	120
gaagaaaaca	agagagctca	tgaattaata	gaggcagaag	gaatagaaga	tatagaaaaa	180
gaggacatcg	aaagtcagga	aattgaagct	caagaagggtg	aagatgatac	ctttctaaca	240
gcccaagatg	gtgaggaaga	agaaaatgag	aaagatatag	caggttcttg	tgatggtaca	300
caagaagtat	ctaaacctct	tccttcagaa	gggagcctag	ctgaggctga	tcacacagct	360
catgaagaga	tggaagctca	tacg				384

<210> 1546

<211> 369

<212> DNA

<213> Homo sapiens

<400> 1546

ctcgagccca	cgtgacgcct	tctagaaccc	tcacacctcag	gccgctcggg	ggcatgccgg	60
gatttggtgt	gtgtacaggg	ccgctgccgc	gagggatgcc	gggatttgca	gtccttccgg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaaagata	tgacctaggt	tcaaactctc	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataca	gttgatgtgc	ggagtacatg	300
aatttaaaaca	tctagagcca	gggcagggcg	gtggctcact	cgtgtaatcc	cagcaatttg	360
gaagggtggg						369

<210> 1547

<211> 355

<212> DNA

<213> Homo sapiens

<400> 1547

tggtgcagac	taacaacaga	ggagagctcc	taagctatgg	taatgagtga	cccttacacc	60
agtggcttca	gggaggggag	gtggtgggat	tcctactgaa	gaggagaagg	aatgagcagc	120
tggtaatgga	gtggaaaaaac	ggggatgcag	tgaccacctt	caaaagttgg	tgatgaccag	180
cagtatgaga	gagagaaaaat	agtagtggag	atgaggggtg	ggtataaaaa	acaccccgaa	240
tttttttttt	agaaaaaaat	ggcttttaaaa	aagtatggta	aaaatttttg	taacaatttg	300
gtgtttctat	tttagcacca	ttttgttata	aatgttgttt	tttttttatt	cgcga	355

<210> 1548

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1548

atctaaat	gtcagcaaat	taaagagttt	gagattggga	attgagataa	agctatttag	60
ttcttttatg	tttaataaat	ttacttcatt	ctgaaatctt	ataaatggat	tctcaacttt	120
caagtagtat	tctccagata	gaagaagagg	tggttgctgc	tcatgtagat	ctataaatat	180
gcggtgtatg	ccttttgtgc	ttctttctcc	gaaaaggacc	acccctttt	tccctcttcc	240
cgatttcttg	tcacctttct	cgtccttggc	tgcattccatc	ccccttccgt	tatcccgctc	300

tcgcgtcccg tcttttttct cctgctgtct atcactcttg cctgcttccc cgtcggctta	360
ccg	363

<210> 1549
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 1549	
taaacgccag atggaagaga tgcatatatc aggaagggtg tgagggaagg ggcattggggc	60
cagccactct ccaggaacct gcatgcgttc agctactcag aagctcgtga cgggcaatgc	120
taatatgaat atttatctct ttttaagtctt atcattttttc tatcattttct tgatgctaaa	180
acctgcttta taacacacag ttgactcttg aacaatacag gttcgaactg catgagtcca	240
cttatatgca ctgttttttc aataaatata gcgagagtct tttggaaatt tatgacaatt	300
tgaaggaact gtcagatgga ccacatatgg taaaaatata ataagaatta ctaaag	356

<210> 1550
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 1550	
cgttgctgtc gcctaaggta gcaaaactag tagctggaag agccaaaatt tgaactcaga	60
tctctctggc cctactaaat gcatcaccat aaattatttc atgggcaatc tttccctgca	120
ccttaattga tttattttctg ccaaagtat gtgttcctag atctttatgg aatattctga	180
catgggaatg cccccaggtc tgtgaggact ggcttctctg gggttgtatc aatagatgaa	240
ggaaaatttt gcagttgttt atacagttag gggggttgag gtggtacaat ttgcacattt	300
ttgttccttt catagcaaatt tcttcagttt tctttgatga ggccaagcaa taaatttttt	360
cctttcttac gagcaaatac t	381

<210> 1551
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 1551	
ggcacgaggg gaacgtggct ttccctgcag agccggtgtc tccgcctgcg tccctgctgc	60
agcaaccgga gctggagtcg gatcccgaac gcaccctcgc catggactcg gccctcagcg	120
atccgcataa cggcagtgcc gaggcaggcg gccccaccaa cagcactacg cggccgcctt	180
ccacgcccga gggcatcgcg ctggcctacg gcagcctcct gctcatggcg ctgctgccca	240
tcttcttcgg cgccctgcgc tccgtacgct gcgcccgcgg caagaatgct tcagacatgc	300
ctgaaacaat caccagccgg gatgcgcgcc gcttccccat catcgccagc tgcacactct	360
tggggctcta cctcttt	377

<210> 1552
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(397)
 <223> n = A,T,C or G

<400> 1552	
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cagctagaat cggagcagtt tctgtttttc gaagatcaac tcaagaagca agagttagcc	120

cgagggtcaaa	tgcgaagtca	gcaaacctca	gggctgtcag	agcagattga	tgggagcgct	180
ttgtcctgct	tttccacaca	ccagaacaat	tccttgctga	atgtatttgc	agatcaacct	240
aataaaagtg	atgcaaccaa	ttatgctagc	cactctcctc	ctgtaaacag	ggccttaacg	300
ccagctgcta	ctctaagtgc	tgttcagaat	ttagtggttg	aaggactgcg	atgtgtagtt	360
ttgccagaag	atctttgcc	caaatttctg	caactgn			397

<210> 1553

<211> 396

<212> DNA

<213> Homo sapiens

<400> 1553

cgttgctgtc	ggaggaagga	gattctggcc	aagctggaga	agctgcggaa	agtaacaggc	60
aacgagatgc	tgggcctcga	ggagggggac	cttgaagacg	acttcgaccc	tgcccagcac	120
gaccagctca	tgcaagaagt	ctttggggac	gagtactacg	gggccgtgga	ggaggagaag	180
ccacaattttg	aggaagaaga	agggcttgaa	gacgactgga	actgggacac	gtgggacggg	240
cctgagcagg	agggagactg	gagccagcag	gagctgcact	gtgaggaccc	caacttcaac	300
atggacgccg	actacgaccc	cagccagccg	aggaagaaaa	agcgcgaggc	ccccttgacg	360
ggcaagaaga	agcgcaagtc	gcccttcgtc	gcgggc			396

<210> 1554

<211> 386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 1554

cgttgctgtc	gccaatgtgc	ccttcctggt	ggccctggcg	ctcctgagct	ccgtcctggt	60
gggccttgct	ctggtecccc	gcctcctgca	ggggccgctg	gcgctgagga	acatcactga	120
caccggcttc	aagctgctgc	tgctgggtct	ggtcaccctc	aacttcgtgg	gggccttcat	180
gctggagagc	gtgctagacc	agtgcctccc	cgccctgectg	cgccgcctcc	ggcccaagcg	240
ggcctccaag	aagcgcttca	agcagctgga	acgagagctg	gccgagcagc	cctggccacc	300
gctgccccgc	ggccccctga	ggtagtgcag	gcccacgggc	accccagaca	ctggaactcc	360
ctgcctctga	gccaccaact	ggaccn				386

<210> 1555

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(392)

<223> n = A,T,C or G

<400> 1555

ggcagcaggc	aagctagggg	ttcgcccccc	tgctcttggt	caggaaacct	tctggcgaat	60
tccagccaag	ctgagtccta	cccagctccg	gagggcagca	gcttctttga	gtcaaccaga	120
ggaggaacag	aagctgcagc	cagagctgca	gcctaaagtc	cctggagagc	aaggctctga	180
tgaggagcac	tgtaaagagc	accgagcaca	agccctgagg	gccctcttgc	tagcccacaa	240
gaagaaagcg	ggcctggcat	ccccagagga	ggaagacgct	gttggtaaag	agccgctgaa	300
ggcagcaccc	aagaaacgac	aattgctgga	cagcgacgag	gaacaggaag	aagatgaggg	360
caggaacaga	gcaccagagt	tgggagctcc	an			392

<210> 1556
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 1556
 ctgaatttcc ttatcaacat cccagaaagt cttcagcttt aataatgctt cgccttcctt 60
 gcttttctag aatcatattc taaaaagaca aagcaaaaca gataaaccag tgtccctaatt 120
 acaatatatt catttaaaac attctaacat cttgggatgc tctgatactt ggtcttattt 180
 ttctaattctc cttatattta ccatcaaaag tatatgtgtt gagcatggta ctagtataaa 240
 aagcacatag accaatggaa c 261

<210> 1557
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1557
 tacggctccg agacgacgac agaagggctg aaggaaaaac agatccctcc ttcttgtttg 60
 actttgtata gaatgaattt taatgtaact gagccacact ttagtatagc tttttctcat 120
 tataaataga agtgggttgc agtattcttg cttgcctttt aaaatagcaa acatttagtg 180
 ataaaaatct tgttctgttc tctgtatgtc agtttattca tctgtaaagt agagacaata 240
 atagcatcta tttattacaa gcaattgtta aaattaaaaa caggctgggc gcggtggctc 300
 ccgcctgcaa tcccagcact ctgggaggcc a 331

<210> 1558
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1558
 caggctccgaa gttggacceca ctattcctct ggggcaaact gacattggct tgattgggca 60
 tgggtggctaa ggcctggctt tatagcactc cgttatgacc tggaatgtgc atcacttcaa 120
 caacagatgc attcatctta cggccaaca tgaggaagac gtgtgtcatg ttaaatacaa 180
 aaattatcct ggcgtgggtg cacatacctg cgatcccagc tactcaagag gctgaggcag 240
 gagaatcact tgaaccagg aggcagaggc tgcagtgagc caagattgca cactgacact 300
 ccagtctggg cgacagagag agagagactg tctca 335

<210> 1559
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 1559
 taccgctgcg agaatacgac agaagggaaa ctatctgaac tggctttatt cactcttcag 60
 catatttaag ttggatttca acctctgtca ttccactgaa atcactcttg tcaacaacct 120
 tcatgttgct aaattcaaaa cacagtcttc tgcctccgt gtcattttt tcaacagtcc 180
 ctgcttgccc tttaaaggac ttcttttgc tcaagtaccc ttttaggtat tgtcatagtc 240
 ctctggctctc tcatgagcag gatttggcag ctcttctgtat tctatcagtt cgccaaatag 300
 atatttgaga tgacatcaca agttctcttg tctttctact tatttttaaa gatggatatc 360
 acacattttt t 371

<210> 1560
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1560
 gcactacaca tagttatttc tgaaaagaaa tcagtatgta aatagaaatc caacagaaat 60
 gatagggtgta ctatcaattc tttattgttg gggtcgaaag caatcacttg aggttaaaag 120
 ataatttttaa aatattaata ttctcatatt tactattttg gtcccaatgc atgtgtatac 180
 caaaatagta atatgtagca cacatgattt aattgctcct ttcaaaaaca cttaaaagga 240
 atctatgttt aaagaatatt cacataatca tacaggcatg gtgggtcact cctgtaatcc 300
 cagcactttg ggaggccgaa gtgggtggat n 331

<210> 1561
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 1561
 acaaggggtaa ggaattagtg tgctaattgt ctctgcttac aaagtgggaa gtcagttggc 60
 tttctagggg ggctgggaca aaatatgaga cttaagcatg ttgattaaag atacagaggt 120
 gaccagtaga agaactaaga atagtgatgt cactatgggg gagaggggta gatgagctaa 180
 attcttgtct ttcatagcag taggttaaaa gtaaatgtcc aaagctgatt agtaagaaat 240
 agcagttgag ggcacgggtg ctcatgcctg taatcccagc actttgggag gctgaggcag 300
 gtggatcacc tgagttcagg agttgagact aacctggn 338

<210> 1562
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1562
 gatattctgaa aaggagggtta atcgatagct tttacatagt acaactgctt tatectttca 60
 aaagcagata cgtcaatcaa aacttgatat ttatttatct atatttatgc tgagttccct 120
 taaaatgttt tgtctttttc catataacca atcatattat ttcttaaaaa taaacttagg 180
 tattgtcaca gggatagtaa cttctgcttt ccatattgtg tgtgtgtgta ttttgttttg 240
 tttcgttttt ttgagatgga gtctcactct gtcgctaggc tggagtacag tggcgctatc 300
 ttggctggga ttacagggtgt gagccacggc gccagcctg tcn 343

<210> 1563
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1563
 agaatcccag aagagaaatg gaaatcataa gagaaacaaa ttgaaattct agaactgaaa 60

atataatatc	agaaaagaaa	aaaaaattac	tcaatggaaa	ttagagatga	ttagacactt	120
cgaaagaaag	tatcagtctc	actcacactg	aagaacagag	aataaaaagat	agaaaatatt	180
aaccagactg	cagagaactg	tgggacaata	gcaagctgac	tgaaatatgt	gtgattgaaa	240
taccagaaag	aaaagagaga	gagagagcat	gaagtaaaat	atTTTTTaaaa	gaaataggat	300
TTTTtaggccg	ggcgtggtgg	cttacaccta	taatcccagc	actt		344

<210> 1564

<211> 332

<212> DNA

<213> Homo sapiens

<400> 1564

ctcgacccca	cgtcacgcct	totagaaccc	tccacctcag	gccgctcggg	ggcatgccgg	60
gatttgttgt	gtgtagaggg	ccgctgccgc	gagggatgcc	gggatttgca	gtccttccgg	120
actacaagca	aaatggctgc	ttctcgacct	cttagctggg	gcttaggggtg	tctctggctg	180
gccaagagta	tgacctaggt	tcaaatacctc	actccgcaag	tttcgtatct	cagtttccac	240
agtagtaaaa	tgagataata	atagtacata	taatcataga	gttgatgtgc	ggagtacatg	300
aattttaaca	tctagagcca	gggcagggcg	gt			332

<210> 1565

<211> 343

<212> DNA

<213> Homo sapiens

<400> 1565

ttctaattag	tagaaataag	ggctaaggaa	tctttggatc	actgaaatct	aactattctt	60
taattgaaat	gtgggtatgt	ttctgactta	tagtaagaac	taaaatgaat	tctattttatt	120
ctcaagttag	agcaaagaga	aaaattttta	atggcataat	aaagagctta	taaaacaaaa	180
tatgaggatt	ttggaaaatc	atTTattgaa	atagtactag	gatattttaga	agtattttaga	240
agcttaaatt	aattggcttt	tctttatgac	attatctcta	ttacgataat	atttatattat	300
TTTTtaataa	aggccctaata	ggaaatctca	aataggggtg	gtt		343

<210> 1566

<211> 375

<212> DNA

<213> Homo sapiens

<400> 1566

cgttgctgtc	gatagagagg	agataacttt	actaaaatca	tacaacacag	aattagatta	60
atcctagcag	agctaatactc	agacctttac	tcagactttt	tctgtagctt	tagtctagaa	120
gttggcaatt	catctattat	ttgtcactga	ttcctagcat	gatttgtagc	aaattcttta	180
ttcttattgt	gcctcagatt	ctacctatat	aaaatatatg	tgacttaaaa	tattcataaa	240
gataataaga	acaacttcaa	tttctatTTT	atTTTTactt	acaatagttt	tcactttcac	300
atacattacc	ctacttaatt	ttccccatat	tatggatgag	gaagttaaag	ctctatgtgg	360
tagatgtcac	atcca					375

<210> 1567

<211> 141

<212> DNA

<213> Homo sapiens

<400> 1567

gaggaattaa	gtgagtaaaa	aaggcaagct	acagagtggg	agaggatatc	aaggatacat	60
gtatctgaca	aataatttat	acagaatata	TTTTTaaact	ctcaaaaatc	aatacacaaa	120
agacaagcta	ccctccaaaa	c				141

<210> 1568

<211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1568
 tcctcaaata tcttcttgct ctggaagcct aaagtgactc cctacacaga gggagtagaa 60
 ctgtcttgctg gtttctcaag cacagctctc tattttaatg catatatgaa gctgtctttc 120
 atctgtgcag atgtttgctc tgccagactg tgagctcctt gaagggtggg attttgtctg 180
 gttgtttttt cccagaata agaatgctgg gtatatacat gtctagataa tggtttagat 240
 ggatggatag atggtgaatg aatggatgag tatatgtatg ggggggtata aggaagggcc 300
 tcgttttttc tgccggaaac acactct 327

<210> 1569
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1569
 gcctctcact cataggaggg gccagggaaa gagggaggag gcaagaaggg gaaggagcac 60
 aaggagtgtg ggtgaggggt gtaaccatga gggcaggcag ggggcaggac ggaaggcagg 120
 agggcctggc caggggaggg ctcaggagga tgagcaggag gcgagaggag acagactatg 180
 aggccagagg gagaccctca cctgagaatc tccttttagcg tgcggtgcag gaatgcataa 240
 ttgtcatcga atttgtacca aggcataat ggctgacct cactgtacac aaagttttcc 300
 cagcagtatg caaattctga gacgaagagg caggaagcag tcag 344

<210> 1570
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 1570
 agtcatataa cccaactatt taagtaatta tcaagttgct tcacttctat gtgccttaaa 60
 ttctctggtt gtttaatgag ggttataaca acactgacct cataagggca ttctgaagat 120
 tagatgaatt tatacgtagg tagtaattaa aacagttttt agtacacaga aaagtactta 180
 gtaattttta gctgttatta ttactagaag ttcattcttt tgttcattaa ttcagaggc 240
 acagggtgct ttctcggtgt ttggcatata taaaacacca taataaatga gagtccatat 300
 tcttatgcag agtgagaaga a 321

<210> 1571
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> n = A,T,C or G

<400> 1571
 tacggttggt atagacgaca caaaggatca ttaaattaca ttttaaaatg ttaacaacta 60
 caagcagata catctgggat attggttatg agaggatata attttctttt cttaccataa 120
 ataaatatta tttattttat tgaaattgtg cttttaagaa tgctatagaa aattcaaaa 180
 gaggacaggt gcagtggctc atgcctgtaa tcccagcact ttgggaggcc gaggcagggtg 240
 gatcacctga ggtcaggaat tctaaacctt gccagtatgg gtgaaacccc gtctctacta 300
 aaaaatacaa aaagttacca ggcttggtgg catgcccctg tagan 345

<210> 1572

<211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1572
 gtagtcctag ctattcatca agctgaggtg ggaggattgc ttgagcctga aaggtcaagg 60
 ctgtagtgag tcatgatcat gccactgcac tccagcctgg gtgacacagc aagaccctgt 120
 ctcaaaaaaa taaaaaatta actaaataat tttttctcag ttttaattcc taatataaac 180
 accaatagat ataacaaact gaaacaaaag ttcttttaggg tgcccaataa tttttaagtg 240
 tgtaagggga ttgtataacc aaaatatctg agaagcatta acttaaaaact aataaaggag 300
 aaagacttta tta 313

<210> 1573
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 1573
 gttagtaaac ataccattat aatagcaatc ataaagggtcc caagaaataa atctgacagc 60
 tgtatcaaat atttgaggaa aaatgaacct ttattaaaat cgttaaataa tacttaataa 120
 tagataaatc tgttattgaa aggaaggcaa tgttataaaa attcagtctt cccaaattaa 180
 tctataaatt cccactcaaa ataagtttga tcttgacaga gtgatttttt ttttcttttt 240
 ttttttttaa aagggagtct gaactttgcc cccaggcgga agggcagggg aacaaccacg 300
 cttaaatgaa gtg 313

<210> 1574
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1574
 ccctgcatgc ctcctcatcg gcagttgaga cccactgct gctgtctcct tcccattcca 60
 ttgcggggac ctggacttga tctagccctg tctggtggac acacttttgt aggtgccagg 120
 agggaggaat ctgctcctcc tttctgcccc cgacagcccc cagecccgagt ggccactcac 180
 tcccagcatg ctttgcagct gcctgagtgg gagactgtgg tggactcgga gctggggcag 240
 ggaggacaag cttcttctgg aagggaatg ggcagagggg gacctggtct ttcacggtgg 300
 tgtcaaggac catagagcca ggccac 326

<210> 1575
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 1575
 gttcaaatct ggtctccac atgttagcta agagacctac aaattatggt atgttacctc 60
 tctgtatctc agtcttctca tctggtaaat taagctcaat aaggacagag actttgttta 120
 ctgtcataaa tatcatcagc acctagaaac atttgttgta ctgaatgaat acctgtgcag 180
 tgaatgaagg gaagaaatat ttcataaatg ttgtggttaag attcacgtga gttaaaacat 240
 ataaagcact aagaatagcc atggcacaag aaatgctcca ttaatggtaa ttattattat 300
 ttcagcaggc aagg 314

<210> 1576
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 1576

ggaagttggg	tcatatccat	gaatctgttt	ctgcctagtt	aatatgtaaa	ctttgacgga	60
aatactttac	gaaaaatttg	atgtaacgct	atttcaattt	ttagatacaa	ccatttttaa	120
aatttgaata	ccacccaaaa	cccgatgaaa	tggattaggg	aaagataaaa	aaacaaaaca	180
ctaacaaaat	acttgactca	tctcacactt	tatagcccaa	gaaggcttta	agtaaataag	240
gtgtaccatg	ttttatgtaa	aggctcgggg	tatgacagaa	acacagtgtc	ccagctgatc	300
tcatagatat	caaacagacc	tt				322

<210> 1577
 <211> 316
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 1577						
catgttcttt	ttgccactaa	gcagcgtggc	ccacagcagt	ctcagtatcc	gctacgccct	60
agtctgtcca	tctgtgagat	gaagatgaga	gaaattgccca	caggaccttg	tagtgcacta	120
acagcttggg	gttttttagc	catgtaaaga	attaaaatga	ggatcatctc	tttatcataa	180
gattgcctcc	tcttgtaaag	taagtcactg	aataagaaat	gatttaccac	agacaagcaa	240
atgctgagag	attttgtcac	caccaggcct	gccctaaaag	agttcctgaa	ggaagcacta	300
aacatggaga	ggaacn					316

<210> 1578
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 1578						
cacaggatcc	agggaaaaaa	aacaaccaa	taatacttga	aggtaagtcc	caagatgtca	60
gctatgaagt	aagcagtcag	tccagattgg	agcagaagat	tggaaggttt	caggggggact	120
gcttccaggg	aaaaataaaa	atgataaatt	attattttca	ttttccatgc	aacaaatatc	180
tacggagaat	atattatgct	ttgagcctgt	tagaggcact	caggctatag	ttatgaacaa	240
aattaagttt	ctgacttctt	gaaattttacc	ttctactgaa	acttanagtt	t	291

<210> 1579
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 1579						
gagggtaaga	ggggagccag	gagtgggaag	ctgggggaagc	cagagcagca	gaggctggag	60
caaatcccgt	gggaaagaac	caggaatggg	tggttcctga	gggagtggct	caaacaccct	120
cgcagggggg	tggg					134

<210> 1580
 <211> 320
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

<400> 1580
 tcaggaattt atcaggctgg ttagactctt tgtaacttga aattagccat gggtggagta 60
 tacacatgga tattggaaaa tactataaat cagaactatt cctggttaat atgactacat 120
 atgaagacca aagcacagta agggtttctg ttgttagaca aaatcaaaca aaagggaaat 180
 gttttttgac ataaactata gaataagaag atatgaaaca aacataaata tacattgcat 240
 ataataacaa ttattattac tatttttgag aaggagtctc gctcttgteg cccaggctgg 300
 agtgcagtgg cgcacgaten 320

<210> 1581
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1581
 tcactggggcc ttaggtgact ggaggcctgg ggtctggcgg ggccagaagg attaggcctt 60
 caggtggcca aggagacctg gtagccagct tcaggacaac tggaaagtga caggtgatga 120
 ggtgggactc tggactgagt ccagccagaa ttccccagtt cttggaatag aggtggtagg 180
 gtggccagct aggatgcccg acaattccca gcaggctctg ctctgcctgt cacagcagac 240
 agacatggcc agctgaaatg gcacctgcca attgggattg aaaaataaaa atctggccaa 300
 gcgcagtggc tcgctcatgc ctgt 324

<210> 1582
 <211> 304
 <212> DNA
 <213> Homo sapiens

<400> 1582
 tggggattgg gttaacgtat ataaaatatt agatgggtgg aagaagagct aataagtgtt 60
 tgctaaatat ataagcccag ggccagcctg gcttcctcct catcctcctc ctgctcacct 120
 ggccctggacc ccaacctctc ccctagcact gagctcactg cccagggtccc acagcagcac 180
 tccaggcctg gactatttct acagccatct ctctgcacct gtctttgtcc gttgctgcag 240
 ctacaacaaa atatcatata ttgggtgctc tggccaggcg cggtggctca cgctgtaat 300
 ccca 304

<210> 1583
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 1583
 ggaaaagtag tgttggggga tttgctatat gagaagtcaa agcatactga aatgctgcag 60
 taatataaat ggtgaacaca agaatagaca gattgacgcc tggagcaaag tagaatccag 120
 taacagaccc atttttatat cagaatttag tatatgataa agttggtgtt ttgcaacagt 180
 tgggaaatta taattcagtg tgttgatatag ggataaatgg ctctttatct agaaagaaag 240
 atcctacttc acattcaaaa taacttagat ggattaagga actaactaaa aaaacctata 300
 aaagcattag aagga 315

<210> 1584
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 1584
 tacagacaca aatgaatgaa gagacctgcc ttatggaggg ggaagagtgc tccagtctgt 60
 gggaaacagca ggcaggaaga ccttcaggca ggaacatgct tgactcttcc atctgagggg 120
 cagaaatggg ggccttatga ttgaagcccg tgaccaggga gtgggtatta gcaggaaatc 180
 caatgagaag ggtaaccagg agccttcctt ttctcttcat aaaaatttgt aggattgtca 240
 ccagaaatgg ggctgatcc agatcccaag 270

<210> 1585
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1585
 tattcctggt ttgagacaaa agatcgctct gatgccagg ctgccattat tgggtggetta 60
 atttgcttac attaaaggaa tgactatatg ttgtggctaa aactacctac tttaacgact 120
 gaaaaaccaa acattctttg caaaaccatg tatgataaag aaggtaaaaa catttttcat 180
 tttctagaca cttaaagaca ctgaatttaa agcagattaa gtagcaaaaa cattgtcagt 240
 aaaaatattg ctgaatagga catgatgagg tagttattat tcaaactcact gatggagact 300
 acacacacat atagttataa agacacatgg tactgg 336

<210> 1586
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 1586
 tctacaattg tgtggtacta cctttatatt gagctctttg ctgatattta ttatataatt 60
 tattataaac aataattcat aattttatag ttcacatct gatggtgttc accttcatta 120
 aagactacat aagtctaaat tctaaagaaa gttgcatgca gcatctcatg cctatagtcc 180
 cagcaatttg ggaggctgag gtgggaggat cacttcagcc caggagttag agaccagcct 240
 ggacaagata gtgagacctc catctctaaa ataaaaaaaa caatagccag gcatgctggc 300
 gtgtgccggt ggtcccaact acttatgagg ctgaggtggg atgatctctt aaccctaaga 360
 gtccaaggct acaatg 376

<210> 1587
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1587
 cgttgctgtc gagccaactc cttttctccg agcctgctgg cagatcctcc cccacctctc 60
 cgcaggagtt cccctcctag gctgggagca tcccggtcag ggtaaatctt ttcaagccac 120
 caactgctgt cccaaggaa atggtgtccg aaaaatccca ccttggcaac cccagaggc 180
 ctgtgcagga ggagcccaag accgcctcc tgagtatgac agtccggaga ggccacgga 240
 gagagctggt tgtaaaaaag agcctgggca ggccaggcac ggtgactcac gtctgtaatc 300
 ccagcacttt ggaaggccga ggcgggtaaa tcacctgagg ttgggagttc aagaccagcc 360
 tgaccaacat ggagaaaccc catctctact aaaaatacaa aa 402

<210> 1588
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 1588
 cgttgctgtc gcctttctcc cgagcctgct ggcagatcct ccccccacctc tccgcaggag 60
 ttcccctcct aggctgggag catcccgtgc agggtaaatc ttttcaagcc accaactgct 120
 gtccccaagg aaatggtgtc cgaaaaatcc caccttgcca acccccagga gcctgtgcag 180

gaggagccca	agacccgcct	cctgagtatg	acagtccgga	gaggcccacg	gagagagctg	240
gttgtaaana	agagcctggg	caggccaggc	acggtgactc	acgtctgtaa	tcccagcact	300
ttggaaggcc	gaggcgggta	aatcacctga	ggttgggagt	tcaagaccag	cctgaccaac	360
atggagaaac	cccatctcta	ctaaaaatac	aaaaa			395

<210> 1589
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 1589						
cgttgctgtc	ggggagcacg	ttacgtccgg	acgcgtcggt	ggtagggctg	ggtctccgaa	60
cctgaaaccg	ggagcttcct	gctcgtgttc	gctggtgaga	agctacccgc	ggggttgtag	120
acttcggacc	tcatggcaga	gataattcag	gaacgcatag	aagatcggct	cccgggaattg	180
gaacagctgg	agcgatttgg	actgttcagt	catgcccaga	ttaaggctat	cattaagaag	240
gcttccgac	tagagtacaa	aatccagaga	agaacccttt	tcaaggaaga	ctttatcaat	300
tatgttcaat	atgaaattaa	tcttttggag	ctgatccaga	gaagaagaac	acgcattgga	360
tattcattta	agaaggatga	gatn				384

<210> 1590
 <211> 437
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 1590						
ctataatata	gctacttgtc	ttttgcccgt	acatcgattc	gaattccggca	cgagcacaca	60
cacatttata	cacgcaggac	tctggagcca	gagtagaggc	tgtggcccag	gcactacctg	120
ctggctccca	cctatggttt	gggggccata	cctgttccag	ctctgttccc	aggggtggggc	180
agggaggtgg	gggttggggg	agtantgnnn	nnctttttnt	tntattcttt	tccctttgtg	240
ttttacgttt	tgacttacat	ctcatccctg	attggctcgc	tcatatcttt	aaactgggtgt	300
tgttatcacg	tgctgcgtat	caactgacct	tcatactcgc	ctctacctgt	cctctctctc	360
tctcgtatta	atagtttttt	tttttctaga	atcttctgta	aatccgaggt	tatgatctgg	420
gtatgctcac	tatgacc					437

<210> 1591
 <211> 450
 <212> DNA
 <213> Homo sapiens

<400> 1591						
ggcacgagca	gggaccaaga	tggatcttct	cctcgacatc	agctaagcct	ggaggactct	60
tcccctcaga	gaccatggag	agggacagcc	acgggaatgc	atctccagca	agaacacctt	120
cagctggagc	atctccagcc	caggcatctc	cagctgggac	acctccaggc	cgggcatctc	180
cagcccaggc	atctccagcc	caggcatctc	cagctgtgac	acctccgggc	cgggcatcta	240
cagcccaggc	atctacagct	ggtacacctc	caggccgggc	atctccaggc	cgggcatttc	300
cagcccaggc	atctccagcc	caggcatctc	cagcccgggc	atctccgggt	ctggcatcac	360
tttccaggtc	ctcatccggc	aggtcatcat	ccgccaggtc	agcctcgggt	acaacctccc	420

caaccagaga gtaccttggt agaacaaccg

450

<210> 1592

<211> 336

<212> DNA

<213> Homo sapiens

<400> 1592

gggagggcct	attctcacgt	ggatggagga	gggtaatggg	accaccccaa	gtggggcata	60
ggacccccaa	gactctatgg	ctttcactca	ccattcattg	cctatctctt	caccaacctg	120
agtcacttct	tagtttcatg	tttctttcta	tatctctgag	attataacat	agctgacaag	180
ttcaatgaag	tcttactaag	ggtagtatta	gtattgtgct	caacagttga	cctggagcat	240
ctttcttaat	cctttgagag	gtgctgtgat	tgtctccact	gtccaggaaa	gaaaactgaa	300
gattaaaaag	gttttggggc	tggcatgggg	gtcatg			336

<210> 1593

<211> 373

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(373)

<223> n = A,T,C or G

<400> 1593

cgttgctgtc	ggccagggtg	gacttccggc	tccgtccttt	gataactgtg	tgctcttggg	60
caaatttctt	aacttgcagg	ttcttgtgag	gataacatga	gttaattgag	ggcacttaac	120
actacctggc	acagattaag	ctcatctgaa	gtgggagctg	ttacttaggg	gcgtttgcct	180
agaacacagg	gtccagaggc	tctctcccgg	aaacttagac	ccagtgagtc	agaagtgagg	240
cctgcaaaaa	gcagcaggag	tggggtttaag	aattccagcc	tagggctgga	tgcggtggct	300
caggcctgta	atcccagtac	tttgggaggc	ccgaatggga	ggatggcttg	agccaggagg	360
ttccagacca	gcn					373

<210> 1594

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(349)

<223> n = A,T,C or G

<400> 1594

accaatgggg	gggggcgaga	caattacttt	acaaaaataa	aatgtaaac	tttctgcctt	60
taatgtttag	tgcttaacca	ccaatctctg	ctcctgtctg	taaaagtcag	acttcattaa	120
ttttgctgac	acagtaagtt	ctcatggaaa	atagtgacaa	cagccagcaa	tgtgaatagt	180
tacatcttgg	ctctgtaaat	atcaaaacag	actttgctaa	gcagaaatca	atagacactc	240
gatcaaatag	tctggttcta	tttttttatt	tttattttta	tttttttgag	atggagcctt	300
gctctgtcgc	cccagatgga	gtgcnnngnn	nnntctcgg	gtccactgc		349

<210> 1595

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1595
aggcacctga gagtcacttc tgggcagaaa gacaaacaca tgaatacaag ccataaatga 60
aaagaatcaa ccagttacac cattaaaaat gtctgaatat aatgccagtt tctacgagtg 120
tggaggggtgc atctctgaga tgggtgaattt cttccacact aaaagcaggg tgacctagga 180
ggaattcgta gtgtcctttc acttattttc agacaggctc aagattactt tcaataaata 240
agtataattg ttcataattt gaagaatgta cttacctgat gacatgactt taaatgtcaa 300
aaagctaaaa gatcacacac caacaccg 328

<210> 1596
<211> 338
<212> DNA
<213> Homo sapiens

<400> 1596
cttcgtgacc tggactgaaa acatttttcaa gttctctatt tcggtcaata cagcccccttt 60
aataattccc caaagcatct cccctttccg cctgtgtact gactctcttg cacacgtttt 120
gtattcccac agatcacaaa atcacaaagc accggagctg gaagaatctt aagagataat 180
ccaaggccag gagcgggtggc tcacgcctgt aatcccacca ctttgggagg ccaaggcggg 240
tgggattacc tgaggtcagg agttcaagac cagcctggcc aacatggaga aaaccgcct 300
ctactaaaaa aacagaagtt aaccccgct cggcccg 338

<210> 1597
<211> 355
<212> DNA
<213> Homo sapiens

<400> 1597
gtcattttat ccattcacct ttaggacac tttggttgct aacagtgttt tgcaactatg 60
aatatagctg ttatcttact cttttttaaa atgcacttta ggtgtactca ttccttaggt 120
tgagtacacc taaagtgcatt ttagatata ctaatcatct ctgtttctgt aatgtcatta 180
tcattaaaaa catctcattg tggtatattt atatgtcat aattcttttt ttcttgtagt 240
caactgtaaa tctcttaagg acttagacca tgtctaatac atctgtgtat tcctggctcc 300
taaactggat ttcagagatt atttttagct gaatgaattt gccaggcagt gtatg 355

<210> 1598
<211> 329
<212> DNA
<213> Homo sapiens

<400> 1598
atttacaata agttttacaat ttacaataaa gcttttaaaag aacaacaaaa aattaaatat 60
acctctattg cttgtacgtt tttctacttt tgatagaaac atggacatat taaatatttc 120
acttttaact ctagtataag aaagtcaata atgcaagagt gatgataaag agcaactctc 180
acttggcatc atgatcaggg agcaataggg agtgggtgac tgcggtgacc taaagcatat 240
aagccttgct taaagtgaac agctgctctc agccctagct cataagtgcc acagagtcta 300
caggcctaga cctgctgatc cccagcatt 329

<210> 1599
<211> 335
<212> DNA
<213> Homo sapiens

<400> 1599
caaaacataa atgtattact caaaatgttt tatatagggg cacaagagtt ctttgactga 60
agcagttttt attttaagtt gtttggcctg aaaccattcc tggcagcaaa aatcttttta 120
aaagtcttca tgtgtagatt taagctatcc ttggcataaa ataattaata tatctatatt 180
tcaaagagca gatggcagaa aggactatac cgaaatatat tttatttctg agcaccagca 240

taaaaacaag agaaaaaaaa agaacagcca gaatacagag gtttttaggg ctattctaag	300
tgatactata ctggtggaga catgtcatta tatat	335

<210> 1600
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 1600	
ctttcactac atattaaatg acactttata actaatataa taggacaatc atcaatgcat	60
atatagccag cccttcatat ctgtgggttt tgcattccagg attcaaccaa ggaggaattg	120
aaaa	124

<210> 1601
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1601	
cggggttgat agggaaccag cgcattgaat atccttcctt tacattcatg gtactactcc	60
ctgatctcac tatgatgacg tagggcacag ccttacttaa tgcacacaga atggggctct	120
caagccaaat aggcgtctga acagactgga tctactagaa cagaaattct agggactgaa	180
ctttctgtga cacagagatg gctttttttt ttgagggtct cgttctgtca cccaggctgg	240
ggggtggcac aatcttgact cactgcaacc tccggctcct gggttcaagc cattctcctg	300
ccttagcctc ctgaatagct gggattacag atgtgcacca ccacccct	348

<210> 1602
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 1602	
atcgatgaa ctacaactat taaaatgtga aatgcatgat gcaaatagtg cacaaaaaaaa	60
tagagtgaag atgatgaata cagccataaa agacagccaa actccatttt agcaataaag	120
taaaatataa tctgctgtca ggggaaggta atttgaagta cttgagatgt tctttaattt	180
aaaaatccaa aaatattttt agcttttagtt actataaaac atgtttaagc attttccatt	240
tgaaataaaa ttttaatttc atgctttgtc agtttcctta aataaataga aaatagtaaa	300
atatcgcata ctanaaaaaat caacttcctt ggtaata	337

<210> 1603
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 1603	
atctgataag attatttttaa ggacagaatg aagatttcct cttgaatgat ttgctctgcc	60
ctttatcaaa aagacatgtg tctgtccacc ttaacatttc tgggtataaat ataccttgtc	120

ctttaaaaat	tactgcataa	cattaaaaatc	acgagcattg	ctatacatca	tcaacagtca	180
agccagagag	ccaaatcagg	aatgaactcc	cattcacaat	tgccacaaaa	agaatcaagt	240
acctaggaat	acagctaact	atggagggtga	aagatctcta	tgaggagacc	tacaaaccac	300
tgctcanaga	aatgagaaat	gacacaaata	attggaaaaa	cattccatgc	tcatgggn	358

<210> 1604

<211> 417

<212> DNA

<213> Homo sapiens

<400> 1604

cgttgctgtc	ggtaagagaa	ggagaaggag	aagggattaa	gttttaccta	gtcacatagc	60
caatgtcaga	ttcctaacta	gtggccgggt	ccgtctgac	caatgatcac	tattctctca	120
tttatgggtg	agtcactgtg	tggttcaac	cacagtggac	ctctctggac	ctaagtgcc	180
tcacttgtaa	attaaaagaa	ctgggttagg	gccaggcatg	gtggctcatg	cctgtaacca	240
cagcactttg	ggaggctgag	gcaggtcgg	cacttgagct	caggagtcca	agaacagcct	300
gggcaacgtg	gcaaaaacccc	gtctctacca	aaaatacaaa	aaattagcca	ggtgtcatgg	360
tgtacatctg	tggtcccagc	tactgggagg	ctgagggtggg	aggatcactt	aatcccc	417

<210> 1605

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1605

cttcatgacc	tggactgaga	acattttcaa	gttctctatt	tcgggtcaata	cagccccctt	60
aataattccc	caaagcatct	cccctttccg	cctgtgtctac	gactctcttg	cacacgtttt	120
gtattcccac	agatcacaaa	atcacaaagc	accggagctg	gaagaatctt	aagagataat	180
ccaaggccag	gagcgggtggc	tcacgcctgt	aatcccacca	ctttgggagg	ccaaggcggg	240
tgggattacc	tgaggctcagg	agttcaagac	cagcctggcc	aacatggtga	aaaccctgtc	300
ctactaaaaa	tacaaaaatt	agccaagcct	cggccggaca	cagtgggtca	cgctgtcat	360
ctcagcaact	tcagaggcg					379

<210> 1606

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1606

tacagttata	gccagggttg	acttccggct	ccgtcctttg	ataactgtgt	gctcttgggc	60
aaattttcta	acttgcagg	tcttgtgagg	ataacatgag	ttaattgagg	gcacttaaca	120
ctacctggca	cagattaagc	tcactctgaag	tgaggagctg	tacttagggg	cgtttgccca	180
gaacacaggg	tccagaggct	ctctcccggg	aacttagacc	cagttagtca	gaagtgaggc	240
ctgcaaaaaa	cagcaggagt	gggggttaaga	attccagcct	agggtggat	gcggtggctc	300
aggcctgtaa	tcccagtact	ttgggaggcc	cgaatgggag	gatggcttga	ggccaggagt	360
tccagaccag	cctgagcaac	at				382

<210> 1607

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1607

ttggactaga	gattgttggt	acaagaactt	taaaaataaa	aaaataatta	aaaagactta	60
tttttctgta	tcattcttac	tggttcattt	gtttaatagg	acttaagaca	tgaaaaaatc	120
aaactagtaa	atttgcattc	atacttgctt	acctacttaa	atatatagaa	gtaatgcaga	180
tagtggtaaa	agtcttgagt	agttcaaga	agtctaattg	aaatactgtg	gattaaaatt	240

ttatcttctta ttatctcttt tttcagataa ttactgattt ttaaaatgtg ttgattggcc	300
gggcgcggtg gctcacgcct gtaatcct	328

<210> 1608
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 1608	
tatctgccaa aatttgtttg gtatatataa cagcttttgg agagattttc actgctatgc	60
ttttctttct tttatgcttt gttatttggg gttttaattt ctcaaagat cccttctttt	120
tagatttcaa attataacct atttcttgca ccattgctga cgcttgggga tccatgtcag	180
aagtacttcc aggtcagata cattttctca tatttcaatg cagagaagca gttgaatatt	240
aaaactttaa aaaagataat gtttaatgtt aaacttatga ttactaaaa taacatgttt	300
tttaatttca ttgttcttca ctaatgtaat agaaaaatga atcttggccg cgcg	356

<210> 1609
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 1609	
cgctgctgtc ggcctggatt acatatattag atcctatctc tataaaaaat caaaaattag	60
ccaggcatgg cggggcatac ctatagtcct ggctatttgg gaggctgagg caggaggatt	120
gcttttagccc tggagggtcga ggctgcagta agccatgatt gcgccactgc actcagccc	180
ggtgacaaag caagaccctg tctcagaaaa aaagaaaatt catggccagt taagacaaaa	240
tgctatgact ttgaaattca cagaaagaaa taacagttta cattacgtct tcaggatttc	300
acgatagaaa taatctctctg aaaaacctga atttcagaga ttcttagact ggctgcaaaa	360
ggatgacact agcg	374

<210> 1610
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 1610	
gatttttttg tacctttctt agggatatca tagtttgaga taccatgaaa gatgttcagg	60
cagagccttt tcaacgaaat cacccttgcg tggctctcac agagtctagt taatagaagt	120
tttgactcgg ctgggtgtgg tggctcactc ccgtaatccc agcactttgg gaggtgaga	180
cgggaggatc acttgagccc aggagttcga gaccagccct ggcaatatgg tgagttcttg	240
tctctacaga aaacaacaat ttacaaaaaa taaataggca tgggtggcaca cccc	294

<210> 1611
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 1611	
gagactgtgc cactgcactt aagcctgggt gacagagtaa gactctgtct cagacaatat	60
tgtgatgata ttgtattttt tgaaactttt ataccgcaga gaacagagag agactgcgac	120
gtatatacc tacaaagggc tttttctctg gttaggcctg gaagggctag aagtaaactt	180
ttaaaaattc aagatagaat cgtgatgagc aagcctcatg cacatgcatg aggatggcta	240
ctacacaaaaa ggcagaagat aacaagtgtt ggtgaggaag cagagaaaact ggaactctca	300
tgcatgggg ttgagaaggt aatatagtgc agccgcggct gggcgagtg gctcacgg	358

<210> 1612
 <211> 377

<212> DNA
<213> Homo sapiens

<400> 1612
ggcattatgt ctttcagata ggatgatgct gattatgttt ggaaatagct aatctttcta 60
agaattgaaa attgttttct acatttttca tccacttaca gatcaaagaa gaaatctggt 120
ttatatatgt caatttttct atagtggatt gtcttaaaat agagcacgtt tgatttacac 180
cagatttatg ttgtgacatt agttacaaat ttggtaaaaa catttctaata tagagatgat 240
caggtaaact ttgacaactg ttgagtaact gctagtaatg ctcttgagat ttatttttta 300
tttgatatca gatttataat tcaagtaaat atctgagtag aagctaatagc aaagagataa 360
ttactatatt ctaaggg 377

<210> 1613
<211> 355
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 1613
aatggcactt aatcacttaa actaatttaa attaaataat tggttattta aatcatcttt 60
ttcatttatt ctctacttta tttgtttgtc ttccctgcct gaagggagga gctaactgca 120
ttagagggtg tgaaattcac cgtttagatga tccctgggct agaattttaa aggatgtggg 180
gatttatcag gtaggggaata tagaggcaag gaagatgtag gtgtatgtac tcattcgtat 240
ttaactgtgc cagtttatta agtcatttga attttgtcag aagctagatc acttctagta 300
gtttttaaca aagtaattct caaaaaccca aactattgat ttggtttgcc tcccn 355

<210> 1614
<211> 401
<212> DNA
<213> Homo sapiens

<400> 1614
cgttgctgtc gggttgcttc aggatgtttg atttaaaaca gaggttcttc cctttccgga 60
cagggtcaga atgacctggg ttctctccaa gggtgtgtac aagagctcca cacttctgt 120
tcagaagacc aaggacagtg gcagatgcc a tggcctgttg tgaagcgaag ttggaggagg 180
gagaattcta caacagatgg tttcttgat atctggggcc tgtccagctc tagctttgaa 240
aatgatgggc cagaccttga actggcatgg atacaggctt aagtgccaga acaggaagtg 300
aggtcctagg gtgatgtctt tggggcagct gctgctactc agctggtggg ctggcaccgc 360
tagctttggc ttcctatggg ttggtgagga gattgtgtgt g 401

<210> 1615
<211> 387
<212> DNA
<213> Homo sapiens

<400> 1615
tacggctgtt atatatacga cagaagggcc atacagtagg aggaggggta cctaaccttt 60
cacaaacaac aacaaatgtg aaaagtcagt gacacactgg acagaagaaa cagtgaagacc 120
agcaggccat ttaatctaca ttattctctc caggctttta aaaataatta tgccatcatg 180
tgctttttgc tgctattatg tcataattgc cttacatctc aaatcattaa ttaaaatgga 240
ttttaagagt acggaattgg ctgacttaca agatcactta ttaatccgtg cccggatgtg 300
ttgtttcttg cttacagaga cacccttgac cgttactctt tcgcggaatc gttcacaatg 360
gcattcttac aacaacagga tatcgcg 387

<210> 1616
 <211> 386
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 1616
 cggttgctgtc ggcagaaatc tacatggaaa aagaaagtta agagtcttcc taatattctc 60
 accgatgatac gatttaaagt tatgtttgag aaccctgact tccaagtaga tgaagagagt 120
 gaagaattta ggcttctgaa tccacttggt tcaaaaatta gtgaaaaaag gaagaagaaa 180
 ctaagactct tagagcaaca agaacttcgt gaaaaagaag aggaggaaga gccggaagga 240
 aaaccaagtg atgcagaaag ttcggagagt tcagatgatg aaaaagcctg gggtgaagag 300
 gtcaggaagc aacgcagact cctccagcag gaggaaaaag tgaagcggca ggaacgactc 360
 aaggaggacc agcagacagt cctaan 386

<210> 1617
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 1617
 cggttgctgtc ggcccttaga ttttggagac atcaggcaga tgtctccaaa aatgattgtg 60
 atcaagaatc tgaattataa gattcacagt ctgctcccca acccagtgtc gccaaactgta 120
 cagctgcgcc tccacgaagg ggcataatgcc aggctcgtct gaccctggaa tgaggatgta 180
 ggaagcaggc agagctccgg ttcagccctc acaatgggac tgaagcagga gagaaggctg 240
 ggcagaaggc ctgtggggaa gtagggcttg tctccatgga tgacgtccag aaggatgtca 300
 ggaggaggaa tatcacagga gttatagaca ttggaggggaa cagagactgg cacaggacct 360
 cttcattgca ggaagatggg 380

<210> 1618
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 1618
 ccaggctggt cttgaactcc tgacctcaag tgatccgccc acctcagcct ccaaagttag 60
 ccaccgcacc cggcctgtta ctctattttc tacttactat ttacaactgt cagaaggtaa 120
 atgacaacct gatttttggt gctttttaag tcacttatac ctctcactag tgatacacat 180
 cttttttatt tcagaaaatg ttttattata attataacat tttagtattt gttcttttct 240
 tttgcttttg cttggttctt tagaaccttc tatttatgta tttgatcttc ttgaactggc 300
 ttctatggta gtctctttct ctcaggactt tttttttggt ttgccacttt cttcatttcc 360
 atccaatttt agaaattatc ctcatttgn 389

<210> 1619
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1619
gaggcaagct gcaagaaggc catggggaca atgtgcagag caatgaagcc tcctgcccatt 60
agtgactgta cccgcgacct ggtggtgacc aggcaggcat ttgcacctgc tgggctccag 120
agctccccctt ctttcttcac tcggtgacag caaaccaaga cttgggtcac atcatttctg 180
ggtaagtatg cagagatgct gaaagaacag tgggagcaaa aagaacaata ttcttgaacg 240
tcttctgttt tctctatgac ccttagaaac ccaaagaaaa tttcacagta ggaaaataat 300
ccattgcaca aactgtattt ttaaaggg 328

<210> 1620
<211> 374
<212> DNA
<213> Homo sapiens

<400> 1620
tacgcctgcg agaacacgac agaaggggtt gtcagccacc cgcagtgtct tttctctgaa 60
agtggttttg aagactggct accatctggg tgcgaggaaat cattagcagc gaggccaagt 120
ttgaggagcc tgagaggagc tgtgcgcaa gaggaggggt tttcttttcc gagaatccag 180
aggcccttat tatctgcttg ctttctcagc tgaacccttg ccccggtac cccagcaaa 240
gccctctgag gcggttttg tattcatctt gtgattgatc cttcagatat ctgaacggtg 300
cgatcctcgg tcccgtgtgt aatcactatt ctccctcata gcctcgttct ccttaacgct 360
tcctcatcta cgtg 374

<210> 1621
<211> 366
<212> DNA
<213> Homo sapiens

<400> 1621
ctttgtttca aaaagcttat cccatctcta agaataacag tggtacaac acaaaatatt 60
gttttaaaag gaagaaacaa atctaaacaa gaagtctctt actgcctata aaatctgaaa 120
ctttcttttt ttttttttta gaaaaggggt ttcttttttg cccccagggg gggaagaatt 180
ggggaattt caaataattg taaatcactc ctccgggtac ccccatctt tccggcacat 240
ttccccgttt tatttttaga caaaagcacg cccccctc caccaaatat ttttggcggg 300
gctcatcac cacacggctc atgtaacaac ctccgcatta tttataacat ttatcttgtg 360
ttagca 366

<210> 1622
<211> 349
<212> DNA
<213> Homo sapiens

<400> 1622
accagtgagc catgctgtct ctttaaataa aatgaggggt ttggaagaga aaatgaagag 60
aaatccttgg gaaatttgag agaaatgagt aaagaaaaag aaaatatatc cttttaccag 120
agttttcctt cttaaccttg acttgaggtt gctctttgct ctggaggaga gctctagatg 180
ggctgggaga tttggtctc acttgacgta tttctcaaaa gcagctgtgc aaaccaggc 240
aagtcattct gcctctttgg gtgacaattt cctcccttga aaagtgaata tgatgtctcc 300
ctgtctgtcc tatcagtggg taaggaaaat cagatgaaat gatggctac 349

<210> 1623
<211> 345
<212> DNA
<213> Homo sapiens

<400> 1623
gttcatatac aggaatcaaa tcacattgac acacatagtc actttgtcct atttaaattc 60

tcttttaatt	cttttagatta	catagagaag	aaagactcag	tttgctgcta	gtatttcctt	120
aaaacatctc	aactctctct	ctctccctct	tgaacagagc	aaaggccagc	tctgattcag	180
aattctcagc	tagcaacagt	atctagctac	aatttaacaa	catcgtctgg	gaatggtata	240
tatttttata	tttatcttct	attttggcaa	atgatactgg	atttccattt	atagtaatga	300
tataaagttt	ccttaataaa	tgcattttatc	taagtcaata	attgg		345

<210> 1624

<211> 377

<212> DNA

<213> Homo sapiens

<400> 1624

ttgtaaaacc	tggaaggaca	aggtttgggc	atggcatcag	agctgaatga	aagcttgcca	60
tcatggtgta	ctggaaaagg	acagatacat	ggtgaatgcc	actgttctgg	acttttgtgt	120
cattggtaat	aaatgaagga	gtccaacttg	tttttgcaag	aggacattt	gcaataatta	180
atctagggac	agagagatac	tgtaaagatc	aatgattatg	atttgggatc	cggcctcaga	240
ttaaccaggg	ctcaaaactc	tcttctttct	cttaataaaa	gagagaatgt	actgactttt	300
cgaatgtact	cgcttact	tcccagtatg	ttcttaatgt	ttaaggcata	ctgctctctc	360
ctcctaattc	tgtaccc					377

<210> 1625

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(332)

<223> n = A,T,C or G

<400> 1625

gactaaagaa	aatcccaaaa	gccataaat	aaatatattac	atatatggta	tataaacctt	60
catttgtcct	tgtgtcctgg	ttcccaaaaa	tataaagggt	aagtctgctc	ctctaattca	120
ctccaatctc	agtccgaaca	ctgaacttgt	gtctaccaca	ggcccaatcc	tgctggttgg	180
gtggagtgcc	tgacagtggg	gggagagagg	gaagtaaagt	ttttggtacc	tcaagcaaat	240
gccaccttgt	aatgaggctt	tctccctttg	gtcacccggc	tgtaccctat	attatttgga	300
gtctagaagg	tccaagttct	gaacaagatt	an			332

<210> 1626

<211> 416

<212> DNA

<213> Homo sapiens

<400> 1626

cgttgctgtc	gaaaatacga	cagaaaatag	aagaaacacg	tgcacagaga	gtccagttaa	60
agaaattgcc	aaaagttaac	aaagagctgg	cacttaaatt	aattgaggaa	gaagaggaga	120
agcagaaatc	tacatggaaa	aagaaagtta	agagtcttcc	taatattctc	accgatgatc	180
gattttaaagt	tatgtttgag	aaccctgact	tccaagtaga	tgaagagagt	gaagaattta	240
ggcttctgaa	tccacttggt	tcaaaaatta	gtgaaaaaag	gaagaagaaa	ctaagactct	300
tagagcaaca	agaacttcgt	gaaaaagaag	aggaggaaga	gccggaagga	aaaccaagtg	360
atgcagaaag	ttcggagagt	tcagatgatg	aaaaagcctg	ggttgaagag	gtcaag	416

<210> 1627

<211> 398

<212> DNA

<213> Homo sapiens

<400> 1627
aagacggcct acggttgcca gttgacgaca gaagggagcc tattttatga gataagtact 60
atthttgttaa aattttatat ttaatataga taataaattg actaccccaa atggtggaat 120
gcaaggatag catattacaa ggaaaatgtt acaaacact aacattaact agacaaagga 180
tgaaataatc atttcaaaaa aggttgagga ggctatcagt aaaattcagt atctattact 240
gataaaaatg ttggaggaaa aagtgtatca gaaaatataa tcatgggcca gtgcgggtgg 300
ctcacgcctg taatcctaac actttgggag gccgaggtat gtgggtcacc tgatgtcaag 360
agattgaaac cagccttggc cacgtaatga aaacctg 398

<210> 1628
<211> 409
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 1628
cccgttaact ccattatatg ccaatagagc gagactccgt ctcanaaaaa aaaaaaaaaa 60
aagaaaaaaa ttcttttgaa aaaaaacccc cccctcaaag gaaacctttt ttttgggggg 120
gggggtttttc aaaaaaaaaa attttgaacc ctgtttttta ccattggggg aaaagggggg 180
aaccgcgctg gggcctcccc caaccggggg ggggggggga aaaaaccccg ggggccccca 240
aaaggccccc cctaattgccc gctaggggct tccttttttg cccccattt ttgggggagg 300
ggggattttt aataaacccc ttggggcttc agccaaaaag ggtaaaaagg gaaccctgtt 360
tcctggggca aattcctgaa aaaaggtggt gaaaaagccc actttgggc 409

<210> 1629
<211> 381
<212> DNA
<213> Homo sapiens

<400> 1629
cggtgctgtc ggcacgcctg ccccttggg tgacctcttg tacccccagg tggaaggcag 60
acagcaggca gcgccaagtg cgtgccgtgt gagtgtgaca gggccagtgg ggccctgtga 120
atgagtgtgc atggaggccc tcctgtgctg ggggaatgag ccagagaac agcgaagtag 180
cttgctccct gtgtccacct gtgggtgtag ccaggtatgg ctctgcaccc ctctgccctc 240
attactgggc cttagtgggc cagggtgcc ctgagaagct gctccaggcc tgcagcagga 300
gtggtgcaga cagaagtctc ctcaattttt gtctcagaag tgaaaatctt ggagaccctg 360
caaacagaac aggtcatgt t 381

<210> 1630
<211> 334
<212> DNA
<213> Homo sapiens

<400> 1630
tgctcaaacc agctaacttt tctaagatcc tgtttcccca tccataaact gaaataatca 60
gagccctacc tctttcagaa taagtaagga gtgaatgaaa tattccatat gacatgctca 120
acataatgcc tgccacacag aagtattcaa ttagtactta attcttggtt tatttttacc 180
attatttggg ttttaactatc ttgctgagtt gtttggaaag caaatgaggt cattgcctcc 240
aaacatttat tagagatatt gctatgtgct aagcattaca ataggtgcag gagaatacaa 300
acgtgaatgc ctgcaaggaa cttacaccag aagg 334

<210> 1631
<211> 418

<212> DNA
<213> Homo sapiens

<400> 1631
cgttgggtggc gcaggcagat gtctccaaaa atgattgtga tcaagaatct gaattataag 60
attgggagtc gggccccaa cccagtgtcg ccaactgtac agctgcgcct ccacgaaggg 120
gcatatgcca ggctcgtctg accctggaat gaggatgtag gaagcaggca gagctccggt 180
tcagccctca caatgggact gaagcaggag agaaggctgg gcagaagggc tgtggggaag 240
tagggccttg ctccatggat gacgtccaga aggatgtcag gaggaggaat atcacaggag 300
ttatagacat tggagggaac agagactggc acaggacctc ttcatgtcag gaagatggta 360
gtgtaggcag gtaacattga gctcctttca aaaaaggaga gctccttctc aagataag 418

<210> 1632
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 1632
cagaactgga gcgtggcgat ggcgttaagg ttttgaggga gcgagccacc tagcggaggc 60
tgtccttcac cgcgggcgcc aatggggagc agaaggactc ggacacagga ccgccggggg 120
cctgcttgct ctggggcagc cacgaggag ccctcgtcag gagcgccatg ggccgaagct 180
gcctgccctc tgcacgtgga tgtttctttg gaacaagggg aaaaattatg actttcttat 240
tttgctttga cctgtgaatg acaccctggg ctctgggtgc tgggggtgtgc tctctgcagt 300
gctgtcaggc acatgctggt tccttcagcg ctagggtgctt ggcaccttca gtcttttgc 360
gacgccatgg tcgttccttg ggcen 385

<210> 1633
<211> 407
<212> DNA
<213> Homo sapiens

<400> 1633
ggcacgagcc aaaatggatc tatgctgaag ccagctgtct gtactcgtga actatgcggt 60
ttctccttct acacactggg cgtcatgtct ggagctgcag aggaggtggc cactggagca 120
gaggtgggtg atctgctggt ggccatgtgt agggcagctt tagagtcccc tagaaagagc 180
atcatctttg agccttatcc ctctgtggtg gacccactg atcccaagac tctggccttt 240
aaccctaaga agaagaatta tgagcggctt cagaaagctc tggatagtgt gatgtctatt 300
cgggagatga cccagggctc atatttgga atcaagaaac agatggacaa gttggatccc 360
ctggcccata ctctcctgca gtggatcatc tctagcaaca ggtcaca 407

<210> 1634
<211> 374
<212> DNA
<213> Homo sapiens

<400> 1634
cagtctctac taaaagacag aaacaatata ctgccaaaat gttaagttga ccaccgtgaa 60
acttctctat tggagtgtct gtttctttta gctgtgaata ctgaaattat gccttgtctc 120
ctccccaccc cagggggatg ccgttttgca gtgtggacac gtgtttgaag cagttactaa 180
actcgtcatc ctggttaaga aggagaacat tgtcaatgtt gttcaaggaa ggtaggtggc 240
ttcatcttca gctcaggaag taattcaatg ttaaaatgct tattaaggcc gagcgtggtg 300
gctcatgcct ataataccag cacttttggga ggctgaggtg agcagataac ttgaggctag 360

gagttcaaga ccag

374

<210> 1635

<211> 333

<212> DNA

<213> Homo sapiens

<400> 1635

cagtctctac	taaaagacag	aaacaataca	ctgccaaaat	gttaagttga	ccaccgtgaa	60
acttctctat	tggagtgtct	gtttctttaa	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccaccc	cagggggatg	ccgttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcac	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaggaag	taattcaatg	ttaaaatgtt	tattaaggcc	gagcgtggtg	300
gctcatgcct	ataatcccag	cactttggga	ggg			333

<210> 1636

<211> 393

<212> DNA

<213> Homo sapiens

<400> 1636

ggcacgagga	gaaggaaaac	actggattta	taagccacgt	ctgggaagtt	ggaaaaggag	60
aaagaagcaa	aggaaggctc	tgaaccaaag	gagcaggaag	accttcaaga	gaatgatgag	120
gaaggctcac	aagatgaagc	ctcgagact	gactactcat	cagctgatga	gaacatcctc	180
accaaagcag	atacactcaa	agtaaaggat	cggaagaaga	agaagaagaa	aggacaggaa	240
gcaggagtat	tttttgaaga	tgcactctcag	tacgatgaaa	acctctcgtt	ccaggacatg	300
aacctttccc	gccctcttct	gaaggccatt	acagccatgg	gcttcaagca	gcccaccccg	360
atccagaagg	cgtgcatacc	tgtgggtcta	ttg			393

<210> 1637

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1637

cgttgctgtc	gcaaggcgcg	ttcgagcagc	ggcgaccgac	gcggcggaagg	agcgcgccat	60
ggagcatgtg	acagagggtc	cctgggagtc	gctgcctgtg	ccgctgcacc	cgcaggtgct	120
gggcgcgctg	cgggagctgg	gcttcccgta	catgacgcgc	gtgcagtcgc	caaccatccc	180
tctgttcatg	cgaaacaaag	atgtcgctgc	agaagcggtc	acaggtagtg	gcaaaacact	240
cgtttttgtc	atccccatcc	tggaaattct	tctgagaaga	gaagagaagt	taaaaaagag	300
tcaggtttga	gccataatca	tcacccccac	tcgagagctg	gccattcaaa	tagacgaggt	360
cctgtcgcac	ttcacgaagc	acttccccga	gttcagccag	aa		402

<210> 1638

<211> 382

<212> DNA

<213> Homo sapiens

<400> 1638

cgttgctgtc	ggagcgcgcc	atggagcatg	tgacagaggg	ctcctgggag	tcgctgcctg	60
tgcgctgca	cccgaggtg	ctgggcgcgc	tgcgggagct	gggcttcccg	tacatgacgc	120
cgggtcagtc	cgcaaccatc	cctctgttca	tgcgaaacaa	agatgtcgct	gcagaagcgg	180
tcacaggtag	tggcaaaaca	ctcgcttttg	tcatccccat	cctggaaatt	cttctgagaa	240
gagaagagaa	gttaaaaaag	agtcagggtg	gagccataat	catcaccccc	actcgagagc	300
tggccattca	aatagaagag	gtcctgtcgc	atttcacgaa	gcacttcccc	gagttcagcc	360
agattctttg	gatcggaggg	ag				382

<210> 1639

<211> 176

<212> DNA

<213> Homo sapiens

<400> 1639

ggcctacgtg	ttcttgcggt	ggcggagcgg	cggattagcc	ttcgcggggc	aaaatggagc	60
tgcaggccat	gagcagatat	accagcccag	tgaaccacgc	tgtcttcccc	catctgaccg	120
tggtgctttt	ggccattggc	atgtttctca	cgcctgggt	cttcgtttac	gaggtc	176

<210> 1640

<211> 405

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(405)

<223> n = A,T,C or G

<400> 1640

cgttgctgtc	ggaaagatgg	cgtgtgtggt	cctcctccat	caaagaaaat	gaagttat	60
ggatttaaag	aagatccatt	tgtatttatt	cctgaagatg	acccattatt	tccacctatt	120
gagaaat	atgctttgga	tccttcattc	ccaaggatga	at	ttgttaac	180
gaaggggaaga	aaaggcagct	ctacatgggt	tctaaggagt	tgcggaatgt	gctgctgaat	240
aacagtgaga	agatgaagggt	tattaacacg	gggatcaaag	tctgggtgtag	aaataacagc	300
ggtgaagagt	ttgactgtgc	tttcgggctg	gcacaggagg	gaatatatac	attgtatcca	360
tttattaact	caagaattat	tactgtatca	atggaagatg	ttaan		405

<210> 1641

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1641

ctacaaaagg	ttctttgctt	ggttgagatg	tctgaaaagc	cttatattct	tgaagcagct	60
ttaattgctc	tgggtaacaa	tgcgtgcttat	gcatttaaca	gagatattat	tcgtgatctg	120
ggtggctctcc	caattgtcgc	aaagattctc	aatactcggg	atcccatagt	taaggaaaag	180
gctttaattg	tcctgaataa	cttgagtgtg	aatgctgaaa	atcagcgcag	gcttaaagta	240
tacatgaatc	aagtgtgtga	tgacacaatc	acttctcgct	tgaactcatc	tgtgcagctt	300
gctggactga	gattgcttac	aaatatgact	gttactaatg	agtatcagca	catgcttgct	360
aattccattt	ctgacttttt	tcggtttattt	tcagcgggaa	atgaag		406

<210> 1642

<211> 320

<212> DNA

<213> Homo sapiens

<400> 1642

gttcactatg	taagttaaaa	tatcaaagag	ggatatacaa	ctgaaaagta	aaagttcacc	60
tttctttcct	ttctcctact	tctataat	gatcagttta	gataaaatat	ctctgctttt	120
caaaattact	ctctagctgg	ctcttgagga	aaaaaaatgg	gggtaggagg	agctggggcc	180
ttcccttatt	tatacaagcc	gatgaagagg	tcctagactt	ttggagagtc	acagtaaaga	240
aagaaaacca	gtcacctgat	ttaaacaac	aatatattca	ggtttctgaa	tctagatttc	300
tagttccagt	ctttgaacag					320

<210> 1643

<211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1643
 tatecttcaa aactgaatgc aaaatagaga tgtattcaga caaaaaccaa gaaaactttg 60
 cactagcaga ccaaacatgc acagatgag aaactaaagg aaattcttca agtagaatga 120
 aaataatgcc aggtaaaaca tgaatataca aaaggaaatg aacagtgaca aggataaatg 180
 aatactgagt ttacaaacag tgaatgtaat gtctgtggg gtctgaatta tacatagaat 240
 acaaatgcac aataacaatg ccaatggcag aaagaggtaa attcatttaa aggttacaca 300
 gttctagcag tactga 316

<210> 1644
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 1644
 tatctgctgt aatattttta tctaggtag ggataaaaac atcccatttc tggactttac 60
 ttggagaacc agctagaggt gaaattacga ccttcatga cctggactga aaacattttc 120
 aagttctcta tttcggtcac tctgcccct ttaataattc cccaaagcat ctccccttc 180
 cacctgtgct acgactctct tgcacacgtt ttgtattccc acagatcaca aaatcacaaa 240
 gcaccggagc tggaagaatc tcaagagata atccaaggcc aggagcgggtg gctcacgcct 300
 gtaatccac cactttg 317

<210> 1645
 <211> 323
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(323)
 <223> n = A,T,C or G

<400> 1645
 atctggttag tacaatgcac ttatcatatgc tgtgtgtgtg cgtgcgcgtg tgggtgagta 60
 tgaggcccat ctttctctct ggaccatttc ttttcacaga attaacgtat gtacccatca 120
 gatttggttt aagatctata ttctggtagc cacacaaatc acatcttgct tactgatctg 180
 actcctatgt tattctgtct gaagttgcta ttgggctctg tgacctttgg gaacttgctt 240
 gatttctctg ccatttttat ccctatctca gatgcgtatt ttgaaatttt aatgtcattg 300
 ttaatgtgaa gaactcagcc ag 323

<210> 1646
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1646
 tacggttgcg cgacgactac agaggacac gaaattaaag catatagagg tcaagttttt 60
 ctccaatgtt actgcgataa catatggcaa agacaaaatt gtcaaccagg gtatttgagt 120
 tcagagaaaa cactcttagt gcatatgtta gagtgtgaga gtcataaaca gcacattgct 180
 tttacactga acttctacac atatttgagc aactgggtga tttaaaaaaa ttattacacg 240
 gatgatgaat tattaagcaa atctgaact ttttaaattg gagatatttt aatacttata 300
 taagaaattg caggttttca ccatcatag ctttacatat cccacagagg g 351

<210> 1647

<211> 267
 <212> DNA
 <213> Homo sapiens

<400> 1647
 ctactgtcat tatgtctggc ctactgtgaga aactctgtga gtagctatta attaacaaag 60
 acaaagcaca ttaaagagaa actgaagga gggagggagg aaggaaagta aagtttgaga 120
 ggaaaagaat atagattcct actctggg gataagtaat gaagccttat gcttgctata 180
 ttttttcttt ctggaaatat ctgagtggtc tgtggtgaca gacgaaagac cattttactt 240
 gaacaaagag tttaaataca gctga 267

<210> 1648
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 1648
 tgggatatgt gtcgcttaaa ggactctctt gctgctttgc agacagtggc ttgaatgggt 60
 caatggtttc tcacgtgaaa tcacgtgaaa gaatttcttg gaaagaatgg aatttaacac 120
 atatgtgtgg gaggatttca atgtctggaa agaaataggg ttcaaaagag actgagctat 180
 atgctgcaaa tcttgacact ggggtatata ccgtacagtt tgaagagggg taattcaata 240
 gaaaaat 247

<210> 1649
 <211> 370
 <212> DNA
 <213> Homo sapiens

<400> 1649
 tgtggactac gactgcgaca tgacacaga cgggggatgag tgtgatccat cctatcctca 60
 gatggaagga taaaaaacct atactcatta caattgatga gcaataacta ttatgagaaa 120
 acacaacatg ccttcattgg accgcctc gcaacaatac gcattcattt gatcgaacta 180
 cgtccatagt gaggggcatg tatatagac ccatagctaa ttctactca atggggaaaa 240
 tcgaaagcct ttcctctaga ataggaca tgagaaagat gcccaacttt atccctttta 300
 ttcaacatag tattggaagt cctgctaca acaatcaaac aagagaaagt aagaaggagc 360
 atccaagttg 370

<210> 1650
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 1650
 aggatgttag ccaggaggat ctccaggacc tgacctcatg attcacctgc ctcgccctcc 60
 cgaagtgtcg ggattatggg ggtagccac cagcccagc ccatttgtcc tttttttaat 120
 caaaagattt taaaagtaca agtctgcca cagagtgcag gtctgcaaag tgtttcgact 180
 ctacaaaaga gtgtttgtat ttttaagtt caggaacat tttacggact aagacactga 240
 ggccctagga gatagggtct cttgccaag ttgcagagcc agctggggcc cagggagtgt 300
 aatccaagtg gtgtgggtct cctctctct ctgttcaggg aagagcccc ttcac 356

<210> 1651
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(336)
 <223> n = A,T,C or G

<400> 1651
 caggctcacc gattcacttc atccccgtca ccagggtactt gttagttagg tacacaaaat 60
 tattcttggtg gattcctgaa agtcttgta cagtttggtta tctgcagact ctactttata 120
 ttcatctcaa agaaacgaac atgatcacct ggtctagttc ttccgacaag cctggacaat 180
 atagtaagat cccatatcta taaaatgttt tcaaaaaaat tagctgggtg tgggggtgtg 240
 cacctgtggn gcctgctatt caggaggctg aagtagggag atcccttgag tccaacagtt 300
 agaggctgta gtgaacagtg atggtgccac tgcact 336

<210> 1652
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1652
 tattgttagt tattgttggt aatctcttac tgtgcctaata ttataaatta aacttaataca 60
 ttgggtatgta tgactaggac aagacatagt acgggtatata taggatttat tattattttt 120
 gggttttaggt atccatttta gggttttaggt atccactggg gatcttgga tgttttccct 180
 gcagataagg gggggactac tgtacattac tttctccatg taaatattgc ccatgtaaat 240
 actgctgaga ccagtagtat attatgattc tatttacttt cttatatgct ttgntttcct 300
 tctcaagtta attgcctgat tntatgttta tttcttttta tt 342

<210> 1653
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 1653
 cggttgctgtc ggggctgttg tgagagctag aggccttggtta gtaaaacaat gctagatgtg 60
 gtgtctgtc ctgagcttaa aaatagcttg agaaagacag tgatattatc agaaaagaat 120
 gtgcataatg aaaagttgaa acttttaaaa actcactcaa aactaagttt taaaaagag 180
 ccaccgcgcc cagcctgaga cgtgttttaa agactgactt ttgtttcttt tctagatata 240
 aatttagaaa ttgagaagtg tattttgaaa aggcataata agaaaaacta tgggtatata 300
 ttattttaac ttgccatatg aaaacctaag gcacaggag gtaacttgcc tacagggtgca 360
 gccctaggaa gtcaggagc caggattcac tgtcagctga ctgactccaa at 412

<210> 1654
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1654
 cggggacggg ctggttcctg ccacactaac aattcgagaa gccaggccg gaattattct 60
 tgagaccgag ggaataggac caatcctggc catcataggc tgacttcac gctccaacag 120
 gatgatttgc atattatcca tgtgcaatgg cacacacctg gagtgcgacg tacttgggag 180
 gctgaggtgt gaggatcact tgagcccatg aggcacaggt tacagtgagc caagatctca 240
 ccactgcact ccagcctggg tgatagagca aggtcctggc tctaaaggaa attttaaaga 300
 ttgcccttgg aattaagatt aatatgtatt ccttgg 336

<210> 1655

<211> 334
 <212> DNA
 <213> Homo sapiens

<400> 1655
 agctgtgacc tgagggatga attgcccatt gattcattta ttgattgaaa cgccctttat 60
 tgaaagtctg ctatgtgcca agcattgctt taggcacagg gtgtatatag tgttaaataa 120
 ggtccctgct ctctcagagc ttacaatctg ataaaagaga aatgcaatga gcaaataagt 180
 aaagaaaagg aaatatcaag caggcaataa cttctgctat gaaaatcaaa ctggggaatg 240
 tgataagaaa tgcatagggg gctatgctag gtgggggtgg caggaaaggc ctttctgaat 300
 aggtgaaatt tggaggttaa aaaacatgga tagg 334

<210> 1656
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1656
 aacatcacta tcaattaaca ttttaattga tagtgatgtt attaggcttt tcattttaagt 60
 catctacaaa ttgattgaca attgaacttt atcatttgct tagttcactg ctaaatacaa 120
 ctgtttaata cttttttcta atagtaaaaa catactgaag attgagaagc actggtgtag 180
 aaaaaatatg taaatatata aaatgtaata gcctggaaat caatcagaaa attggaactg 240
 attccatttg taagaacaga aacataaaat aagtttttaa cttataaaac ttttatttta 300
 aaattactac aaacctcaat gtaggggtata aaaga 335

<210> 1657
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 1657
 tcgaattccg ttgctgtcgt ggacaaacat tccttttctt ttcaagatcc taaagctgat 60
 catcaacgag ctctccaacg tcatggaggc taatgccgct cgccaggcca ctccctgcaga 120
 gtggagtcac gatgactcca atgatatgtg ggaggaccag gaggagggaag aggaggagga 180
 ggaggatggt ttatctggcc aacttttata tgacattcct gctacaagta aatatgagga 240
 ggattactac gaggatgatg aggaagatga ccctgatgcc ctgaaggatc ctctctatca 300
 gattgatctg caggcatatc tcacagattt cctctgccag tttgctcaac agccctgcta 360
 cataatgttt tcaggccacc ttaatgacaa tgagaggcga gt 402

<210> 1658
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 1658
 cgttgctgtc gcgagtagct gggattactt tcgcccacca ccatacctgg ctaatttttt 60
 gtatttttag taaagacagg gtttcatgga gaaaccaata tagaattgtt caggctggctc 120
 tcgaactccc aacctcggtt gattcaccca ccttggcctc ccaaagtgtt gggattaaag 180
 gtgtgagcca tcgtgcctgg cctaaaaaat tttttttctt tcatctgggt ttttgctttg 240
 aaaacaagtt tctccaaatt tacagatttc ctgatgatgt tgggtctgaa ctcaccaact 300
 tgattaggtc tttaggggac gagggactac ccagctgcac aggtgactgg atgggggagg 360
 tgtgggaggg ttttctccac actacgtcct tctgcattg 399

<210> 1659
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 1659
aaaccctgtg aggctgagct gtgaggggaag gtttggagtt tgctatggga aaggctgcag 60
ggtctataag aattgaaaag gggaggccaa ggaggcttca gatccccttg acagtatttt 120
taaaagatgc aggttaaaaa attgattttc ttgttattta tattttgata cctaattgaa 180
cttctccaac ttgacctctt ttaaaaacaa caacaagaaa aaaaaaaaaa aaaccctgc 240
ttccccttat tccttaaccc gggaggggcc tttcccaaaa aaaaaaactc cagcccgatt 300
tctttgggaa aaaaaaatcc taaaaccctt aaaaaaatac ctttaag 347

<210> 1660
<211> 362
<212> DNA
<213> Homo sapiens

<400> 1660
aacaaaaaat atgaagacat actatgtgct gggaattatt ttaaaactaa gaaaacaata 60
aaggaaaaaa actagattgc tcctttccct cattattata ccacacgttt tctgtcagta 120
ctacaggaat atataaaagg tctatcttcc ttgagggcaa gattcaggtc taattaatct 180
tttgatcttt cttattactc agccagagtt ttgcacatgg cagacataag gtaatagttg 240
gttgagtcac ctatgtaaat gaatgctgct tagtgcctac aaaaatggga tttctcaaag 300
atgattagag aggtaagtgg taagggaagat gttttctcat aaaaccagc agctttggga 360
ag 362

<210> 1661
<211> 176
<212> DNA
<213> Homo sapiens

<400> 1661
agcttgcatg agccaccggg cctgggtcaag aataagggtca tttattgttg tataggcaat 60
aagtgtgaat caaggatact tttaaaaact cataggtgag cccgggcatg gtggctgaaa 120
tcagcctgca caaccgtag tgagacacca tctctacaaa ttaaaattaa aacttt 176

<210> 1662
<211> 358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = A,T,C or G

<400> 1662
gaagatgtga gtgtgactcg taaaggcaag agcatgtata ttatgcaaaa gcagcctgaa 60
atattttatt cacagacaga cagacaatgc ttgactccct gctaactctga aataacttcgt 120
ggggagggcc agggaaatca aaacaaaatt tcagaagtag aatgagctat ttgggtgatg 180
tctccaaggc cagtataata caagaaggaa aaataaattt ctttgctaac aacaagaagg 240
agaaataaac ttttttgctc taaaatatatt tccaattatc tccacgacac tggagggaag 300
gactancnnn nnnnnnnnnn ggagggaggg agggaaaaan nnnggaaagg aaaaagga 358

<210> 1663
<211> 400
<212> DNA
<213> Homo sapiens

<400> 1663

cgttgctgtc	gggaacaaca	aaacatTTTT	catagagatg	ttataaaagat	tagagattat	60
ttggcactgt	gtgtgacaga	ttataaaggT	tcatgaatg	aaatctggca	aatttttaga	120
tatatgtatt	caacgaattt	tttggtggaa	cacagataac	ataatcctga	gaattaactc	180
tttgtacaga	cctcaagatg	agcaaagctc	tatcactttc	agaaccatga	ccactctggt	240
gattttgatt	tcagaatctt	ctttcattct	ggtaaaccct	ctttgcccc	ccaaatattg	300
tatggaaata	catttttttt	tttttttttt	gaaacaaagc	ccccctcact	ttgttcccca	360
aaaggaagg	caggggcgaa	atTTTgttTc	accgcccccc			400

<210> 1664
 <211> 365
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(365)
 <223> n = A,T,C or G

<400> 1664						
tacgtctgcg	aatacgacag	aaggggggtg	agattgcagt	gagccgagat	tgtgccactt	60
cactcagcc	taggtgacac	agcaagactc	catctcaaaa	aaaaaaaaaa	aaattttttg	120
tttttttttt	tccccctttc	cccccccaaa	atataaaggc	tttttaacct	ctgttatact	180
gctttattat	ttttaatagc	attattgaaa	tgaggttttt	ttttgtctcc	caaactggat	240
ttttttttac	cacaattttt	gttccttgaa	ccctaatttt	ctgggcctaa	ggatatcttt	300
tttctttaac	ctccacaatt	taaagggggt	tcaccacccc	ttggtaaatt	ttgattttat	360
ttgan						365

<210> 1665
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1665						
tactgaagac	cagcgcgctt	cttacagctt	ttcacagact	ctcaccacaa	accagtgac	60
caggccaaac	atctctctta	cagattacag	ggTgggtgta	ctctgctggg	ataataatta	120
tgttatcctt	ctgaacctgg	ctaacaacaa	gtgttaacaa	tcatagggaa	atgggtttag	180
gaaagctaac	tgggttgagg	ttagagaggg	cataagggtg	tatgaggcag	cacaggatgt	240
ggccacaggt	cctgagtcac	agagcaagac	cgggcctcta	aaaacaaatt	tttttatttt	300
ggagggtgga	ggataggggg	tgggaggg				328

<210> 1666
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1666						
tcagatggag	atggTgggtg	cacaacattg	tggatgtact	aaatgccact	aaactgttcg	60
ctttcaaagt	gttgatttta	tgttatgtaa	atttcacctc	acattatttt	taaaaatgat	120
ggcttttaaa	gaatattttac	tgacatagga	aaattcacac	cacataccta	ttattaaaac	180
tggacttaca	atataatctc	aattttgaaa	gattaaaaat	gtacatgtga	gtttgtgcat	240
atatacatat	atacagatat	gcgcgcgcgc	acacacacac	acaccatata	tatatatata	300
tactcatcct	cctccccaaa					320

<210> 1667
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1667
 taaacaatta tgttcctata ctttaccat ttaaaaattg gtttggtggt ctttttctta 60
 ctgacttcag gagctgcttt tatttctgtc ccaatttttg caccttctaa ctggctggaa 120
 tagtttttac tgatatgact atgtactggg aaaaccctaa aagaaactaa tgattaaacc 180
 aactcaaaca ataaagagtt cagtaattgg tagatgcaaa ttggtagata cagtagcctt 240
 catgtccaca aataatagac agttaaaagt tatgatggta gagaaagccc catttcaata 300
 gcaaaagaga agataaaaat atttagaat aagttcaaga aan 343

<210> 1668
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1668
 taaacaatta tgttcctata ctttaccat ttaaaaattg gtttggtggt ctttttctta 60
 ctgacttcag gagctgcttt tatttctgtc ccaatttttg caccttctaa ctggctggaa 120
 tagtttttac tgatatgact atgtactggg aaaaccctaa aagaaactaa tgattaaacc 180
 aactcaaaca ataaagagtt cagtaattgg tagatgcaaa ttggtagata cagtagcctt 240
 catgtccaca aataatagac agttaaaagt tatgatggta gagaaagccc catttcaata 300
 gcaaaagaga agataaaaat atttagaat aagttca 337

<210> 1669
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1669
 gtttcattct gcatgtcttt ggtcatacaa tagtctattc tattattcta taggcatttt 60
 tctaaccac tccaaatcca ttttgagtg aggtacggat ataaatacaa aggtaaacaa 120
 tgtaattgta ttacttgtgt atgcatgtat gttcttgcat gtgtgtattg agaggaatgt 180
 ttgtctgact acctccatgt gccagtctga tcttctggag agaaaattgc tgggaggctg 240
 tgacatgaac cagtgtggag gcaaattaat gacaagactg agaactggca tgaagagaaa 300
 tccatgagat ggacaagcca cccttttaag t 331

<210> 1670
 <211> 328
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(328)
 <223> n = A,T,C or G

<400> 1670
 ggagcgtttg aacacaccac ggaaatgatg ccctgcccta agcccttggt ttgggaagga 60
 tgagatccta ttgttttttg tgtcccctct attatctttt gaacatgggt taactacatc 120
 tacggcattt ataacatgtg gcaagcataa gctcttgagt ctgatgtttc tgatgccatc 180
 tactcttact gcctttggca cctcccagct actgacttcc tctgtcttcc ccctggatcc 240
 agatacgtgg ctgggaagag cccctggcct ttgtagccag aggaggtggt gaccatgggc 300
 aacaggccac tgtgctcctg gatgcgtn 328

<210> 1671
 <211> 384
 <212> DNA
 <213> Homo sapiens

<400> 1671
 cgttgctgtc gaaaaatgta aaggagctca gccttttttt catacaatat ttgttcatat 60
 cattaactcc ctcatattta tgtacataaa ttattggtgt taatgatatg aacaaatatt 120
 gtatgaaaaa aagcgaaaat gcaaagtgtc aattcctggg caggggtggga gaaggcaaat 180
 caccacaataa aggataaccc tttaacattt tatctaagaa aaaagaagga agagaaaaat 240
 atttaccatc tcagattaga agacaatata aatatataca tctatgttaa tacttttgaa 300
 aataccagca aaatagaaac atatgttttc ctccagaaaa atagaaaacc ttggaaatta 360
 gtaaccatgt ttccatgggtt atta 384

<210> 1672
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1672
 tgggtacgtac ctgtagtccc agctactcag gaggetgagg tgggagaatt gcttgagcct 60
 aagaggtcga ggctgcagtg aggtgtggtc gcagcctggg taacagagtg agatcctgtt 120
 tgaaaaaaaa agagcaaagg gcaaaaaact aagagttgca tatgaaagaa ataccaatga 180
 ataccacgga aaagatgttc aattccattc ataagatgag atatacacat ttggtttata 240
 aaaagatagt ggtcttcacc taaaaaaaaa tagcaaaagt taaaagtctc agtatatact 300
 atatttgttg aagctgcttc agggaaagaa tccagccttg atggtaga 348

<210> 1673
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 1673
 tacggctgcc atatgacgac agaaaggagg aggaagctgt ttgtattcct tgggctcggg 60
 tggctcatag tggccgggtt ttccgcgctc ttttctctgt gtaccagatc gggataggtc 120
 tctcttggg 129

<210> 1674
 <211> 427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

<400> 1674
 acacagctct tgtctttttg cggannnnntt gttctaattc ggcacgagcc cacctttgcc 60
 aaggtccagc ggggcggtcca ggacatgatg cgtaggcggt ttgaggagcg caatgttggc 120
 cagatcaaaa ccgtgtaccc ggcctcctac cgcttcgcgc aggagcgagc tgtccccacc 180
 ttcaaggatg ggcgccaggag gtcagattac cagctcacca tgcagccact gctggagcag 240
 gaggtgacg gagcagccccc ccagctcacg ggctcgcgcg tcctgcagcg acggcagatc 300
 ttcagccaga agctgggtgga gcacgtcaag gagcaccaca aggccttcct ggctccctg 360
 agccccgcca tgggtggggcc ggaggaccag ctgacccgct ggcacccgcg cttcaacgtg 420
 gatgaag 427

<210> 1675
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 1675
 tgtcacctta ttcacacatc cagacacgtg atgtctgcta cacataccta ccatttttaac 60
 attcatgctt acacacacat tcacatgcat acagagagaa aggagctctc tctctttcat 120
 ggggtttctca ttgagaatca tgatgatatc agcacaggtc tttggaggaa aggaaattta 180
 cattctatat ctggaacctc aagaatgttc cagccgtgtg tgggtggctca caccactggg 240
 tgtggtggga ggcca 255

<210> 1676
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1676
 gagtttgcag agacaggaag agagcagtct gggaggaggg aacagggtga gcaaaagcag 60
 actatggaag gcagaggcat aagacagtgc aataagttgt acaagggaag atgaggttga 120
 cacctgacca ctgaatgtca ggttgaaaag gcccaacatt ccccacacc caccatttc 180
 caaaacacac atgcacgcac acacatgtgc aaagaattcc agcctcatga aagagtggag 240
 caggttcagt ctcaccatag atcaatttca tggagatgtg tccagccatg tgtacatctt 300
 ctcccattga agaggctatg gaggtaagaa cctatatcca taagccatgg 350

<210> 1677
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1677
 cgttgctgtc gctgaggtgc acagagccca aaggcagaga gaggggctga aggatagaca 60
 ggtgtgtagc atgggctagg ttacggtga gtgcttacta aatgctgtgg aatgattgca 120
 tgagttccag aaggacccag actggtgaga cagagaatgc agaattggct aactgggaa 180
 ggagactcca cctgacacag caggagaagg ataagcagat gtatagtgtc tgggcagggc 240
 caggcaaaag ggagatttgc tcagaaaatg ttgaatgaat gaatgcacaa atgcatggga 300
 aggcaaaaggt aagcatgaga gagccacaga gatgaaacaa acaaacaaaa aagacagaaa 360
 tagggaatta aatagggccca ggcacggt 388

<210> 1678
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 1678
 ggctgtacaa agagacagag gctgttagct atggctgaag acagtggcaa aaaaaaaaaag 60
 ggggaaaaat ttttaaagtt ttgtccaagg gtcccttaa aaggggttg gaaacctcgg 120
 gaataacccc ctgttataaa accacggggg ttggacaaac ttttttccaa cccttagtcc 180
 ttattccggt taaaaggcca cccggggtaa aaaaagccac ccccaaaaaa aaaccggtaa 240
 aatgggtggaa accccgggca aaaaagggtt ttcagggggt ttttaatttt tggcaaaaaa 300
 acaatttttg ccctttgagg gagaggaaaa aaaaaaattt tttttggtcc ccattgtgga 360
 aacggggc 368

<210> 1679
 <211> 429
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(429)

<223> n = A,T,C or G

<400> 1679

gagagcatta	acccannngt	tttgnagagg	aacccatcga	ttcgaattcc	gttgctgtcg	60
ccaatgtgcc	cttcctgggt	gccctggcgc	tcctgagctc	cgtcctgggg	ggccttgtcc	120
tggtcccccg	cctcctgcag	gggcccgtgg	cgctgaggaa	catcactgac	accggcttca	180
agctgctgct	gctgggtctg	gtcaccctca	acttcgtggg	ggccttcatg	ctggagagcg	240
tgctagacca	gtgcctcccc	gcctgcctgc	gccgcctccg	gccaagcgg	gcctccaaga	300
agcgcttcaa	gcagctggaa	cgagagctgg	ccgagcagcc	ctggccaccg	ctgcccgcgc	360
gccccctgag	gtagtgcagg	cccacgggca	ccccagacac	tggaaactccc	tgccctctgag	420
ccaccaact						429

<210> 1680

<211> 411

<212> DNA

<213> Homo sapiens

<400> 1680

ctcactcccc	ggcagcttag	agcaaggggg	gagctgaact	tccaacaaga	tgagctgggtg	60
gacggaggcc	agcggggcca	catgcacaac	ggccttaact	accgtgaggt	ccgcgagttc	120
cgctccgacc	accatctggg	acgtttttac	ttcctcacc	gcgtgtactc	cgattacctc	180
cagaccatct	tgaaagagct	gcagtcgggc	gagcacgccc	ccgacctggg	catcatgaat	240
tcttgccctc	gggacatctc	caggtatggg	ccgaactcct	ggagaagcta	cctggagaac	300
ctggagaacc	tggtccagtg	cctggggccag	gtgctgccc	agtcttgcc	cctgggtgtgg	360
aacacggcca	tgccctgtgg	cgaggaagtc	accgggggtt	ttcttcgcc	c	411

<210> 1681

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1681

ggcacgagga	ccgaccagga	ggctctctgt	tgagctgggtg	cgggcgaagc	tgccggctgt	60
gggggcccctg	atggagcgtc	tcgggtgtgct	gtggacgctg	ctgggtgtccc	gctggttcat	120
ctgcctgttt	gtggacatct	tgcccgtgga	gacagtgtct	cggatctggg	actgtttgtt	180
taacgaaggc	tgaagatta	tcttcgggt	ggccctgacc	tttaattaagc	agcaccagga	240
gttgattttg	gaagccacca	gcgttccaga	catttgcgat	aagtttaagc	agataaccaa	300
agggagtttc	gtgatggagt	gtcacacgtt	tatgcagaaa	atattttcag	aacctggaag	360
cttatccatg	gccaccggcg	ccaagctccg	caagagctgc	agggg		405

<210> 1682

<211> 383

<212> DNA

<213> Homo sapiens

<400> 1682

cgttgctgtc	ggtttgaacc	cggtgaggcc	catgtgggca	ggccgtgggt	aggcaggggg	60
caccgcgggg	cctggcatat	cccagcagcc	tggctctgtc	tcgagcaggg	gacaagacgt	120
tcgaggagta	cctggatgag	tattaccggc	tggactacga	ggacatcatc	gacgacctgc	180
cctgtcgctt	caagtaccgc	acagtgggtg	cctgtgaact	tggcctcagc	actgaggaga	240
tcctcgctgc	tgacgataag	gagctgaacc	gggtggtgct	cctaaagaag	acctgcatgt	300
acaggtcaga	gcaggaggag	ctgcgggaca	agcgggcgta	cagccagaag	gcccagaact	360

catggaaaaa gcggcagggtc ttc

383

<210> 1683

<211> 419

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(419)

<223> n = A,T,C or G

<400> 1683

cgttgctgtc	ggcgtagatg	tttccacca	ctattctaac	agctctatct	atgaatatat	60
tgtacggcgg	ggggccctgg	atctctcttt	ctttgatttg	atccgctact	gtgtcagcgt	120
ttgcaatcag	attgcatctc	acctgcacat	acatgtcttc	agaatcaagg	tctctacagc	180
tcattctaata	catcattaat	gatgtaattg	gtatatagga	acatcatggt	ttctgcagga	240
aagaaagtaa	catattaagg	agaatggggg	tggataagaa	caaataataat	ttataataat	300
caatgctgga	taacttttat	tctttattat	tggtaacacg	ccctaactat	cctgtgtgag	360
aatgggaatt	tcaagtccca	tcttgcaaat	tggatatggt	gtcatgcacg	gtttgagcn	419

<210> 1684

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1684

tgggattaga	ggcgtgtgcc	accatgcctg	gctaattttt	gcatttttag	tagagacagg	60
atttcacat	gtttgctagg	ctgggtctcaa	actcctgccc	tcaggtgac	catctaccat	120
ggcctcccag	agtgttggga	ttacagggtg	gagacaccgc	acctggataa	cagtcgtgtg	180
ttgatcacca	gtttttatat	aatttttctt	ttgaacacaa	gtatattata	aaaataactg	240
aaaggagtat	tcaaaaattg	attttgaata	ccgggttaaa	gattcaggta	tggtcgtttt	300
cctacttcga	aatgcagagg	aggg				324

<210> 1685

<211> 322

<212> DNA

<213> Homo sapiens

<400> 1685

attgtttttc	ttccagtttt	tctttttcca	aaaaagggat	tcaagctggc	ctgcaaactc	60
aaatggcttg	tacatagttg	agattaaggc	aaatacacaa	gattgtatcc	tgtttttttc	120
agctacatta	tacacaagta	tcttcccttg	tgataatgta	gtttttataa	atataagttt	180
ttaataacta	atatttcatt	atgtgatata	tcatgattta	ttattttaaa	ccatttctgg	240
attgtcttgg	tttcaacttg	ggaagggtct	acaaaattct	ttaacaaaga	tctggatgcg	300
gcagactcag	tggcttacgc	ct				322

<210> 1686

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1686

tccctacata	attgtgactt	agaattatct	agaagagaaa	tattatttat	gagaagaaaa	60
aataattaaa	gtcataatct	ttaaagctta	aatttttaaa	agacaaagtt	taacagcaac	120
cattgagggt	gaattattta	ttgttttgot	ctcttaacat	acctttgggg	aatacaaat	180
aaaataacaa	gaactattta	atttattgct	tatctgactg	gcaaggataa	aatgaatgt	240

taacat	tttat	cagcaagcat	gtgagaaagt	aggctttctc	atgcactact	tatgtgaatt	300
aaaatt	gggta	aaagttttc					319

<210> 1687
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(422)
 <223> n = A,T,C or G

<400> 1687							
ggcacgaggt	gaacacggcc	aaaggattga	gtggcgaaaa	tggaagcaac	agaagaaaga		60
ggagaaaaaa	aaatggaagg	atctcaagct	gatgaaaaaa	ctggagcggc	agcgggcaca		120
ggaggaacag	gcaaagcgcc	tggaagagga	ggaggcagcg	gcagagaagg	aggaccgcgg		180
gcggccctac	acactgagcg	tagccctgcc	gggctccatc	ctggacaatg	ctcagtcgcc		240
ggagcttcgc	acctacttgg	ccggtcagat	tgccagagcc	tgtgccatct	tctgtgtgga		300
tgagatcgtg	gtgtttgatg	aggagggcca	ggatgccaaag	actgtggagg	gggaattcag		360
aggagttggg	aagaaggggc	aggcgtgcgt	acagctggcc	cggatcctgc	agtacctgga		420
gn							422

<210> 1688
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1688							
cgttgctgtc	gggctggtct	tgaactcctg	acctcaggtg	atctgcccgc	ctcagcctcc		60
cacagtgtctg	ggattacagg	tatgagccac	cacgcccggc	ccattttttt	ttttgacaac		120
tttttttttt	ggaaacgggg	ttttgtccct	tggccaaaat	gggagggcgg	gggttggata		180
aaagttaatt	gggcccggaa	atctttttggc	ctaaccctcc	aaagtgtgtg	aaactacggg		240
tggccccatt	agccccggct	agttttttcaa	tttttggaaa	aaagacgggt	tttttttttt		300
tgaaaagggg	tttttttttt	gccccaaaag	tgggggggaa	agccggggct	aaccctattg		360
gaagcccccg	ccg						373

<210> 1689
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 1689							
cattggtagg	aggttatgct	tttttctggt	ttttgtttta	ctttcaacct	aggttataag		60
actgttattc	tatagctcca	acttaagggtg	cctttttta	tccctacagt	tttatgggtg		120
ttatcagtg	tggagaatca	tgtagttaat	cccattgctc	ttacaagtgt	cagcttactt		180
gtatcagcct	ccctacgcaa	ggacctatgc	actggagccg	taggaggctc	ttcagttggg		240
ccccaggat	aaggctactg	atttgatact	aaatgaatca	gcagtggatg	tagggattag		300
ctgatttttaa	aacaactcgg	ctgggcacag	tggctcacac	ctg			343

<210> 1690
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 1690							
ggcacgagga	gagtatggaa	cccttcccct	tcgtctctcag	ccggaggcca	gctgcgtcca		60

gccgggctcg	gtcttctgaa	caccgatttc	aaatcaggtc	cccggggccc	agcgtcactt	120
agggaaagtgg	tggcattttg	tggttgctgc	taaatcacgg	agagcagcct	tggcgctgcc	180
ggtcccaact	tgatccaagg	agccttgaga	aggagatgag	attcagtacc	aggggccggc	240
cgtggctccc	atcctccgga	atctgcaaaa	tggctacttc	ttcagaaata	atggggagag	300
ggatggcaag	agggccagaga	tcaaggccct	cgagtattaa	cttgagcatt	tgggcacaaa	360
atagacactt	ttggattttc	ccgtcttttc	caacaccaag	gatgag		406

<210> 1691
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 1691						
cagaagttta	atTTTTtata	atgatggatg	aagacagtaa	tatctacctt	gagtggcttg	60
tcataagtat	taaataataa	aaactagcat	taaaaatata	tagcatacct	agatatatgt	120
tatatgttat	agttatatgt	ttaaaaattt	gtgtttattt	catgccttat	ttatctttaa	180
gaaactttat	agcctgatcg	gtgctgattc	tttttccaaa	aagtcacgta	aaatTTtatc	240
aggacaatgt	tttctgtaac	aaccattatt	tcttTgtctt	ctgccataag	tggagaaaaa	300
agatgtgaag	gatcttgagt	tttcatactt	tctaaatggg	ctaagagtac	agatgtcaga	360
agn						363

<210> 1692
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1692						
cgttgctgtc	ggttcgctgg	gaggtatgga	tttcatttcc	attactaatg	cctgcaattg	60
ctgataatag	acgtgcccc	ggaatcgctg	catgggaaat	ggagcaaggg	tctccttctg	120
tggcccagtc	tggaatgtta	gtggtgcaat	ctcgactcac	tgcaacctcc	gcctcccgga	180
ttcaagagat	tctcctgcct	cagcctccca	agtaactggg	attacacgta	cgcaccacca	240
tgcccgga	atTTTTgtat	ttttagtaga	gatagggttt	caacatattg	gccaggctgg	300
tctcaaactc	gtgacctcaa	gtcatctgcc	cgcctcagcc	tcccaaaatg	ctgggattat	360
aggcgtgaac	catcacaccg	ggccattcca	atcactcttc	atttctctg		408

<210> 1693
 <211> 443
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 1693						
tagacaattc	nnttttTgtga	aaatannacg	gccctcgaat	tcggcacgag	ggcacttctg	60
ccgtgctgcc	tgtttctgca	ccgataactt	gtacgtggcg	cgctatgtgc	tgcacgtgcg	120
cttccgaggc	gagcaccagc	tgcgcgggga	ctacggcccg	atcctgcgca	gccgaggctg	180
tgttagcgcc	aaggacttcc	agcagctggt	agcagagctt	gagcaggagg	tggagcggcg	240
gcagcggtcg	gggcaggagt	catcagctag	gaaagccctc	atcgcgagtt	cctaccaccc	300
ggcacggcct	gaggtctacg	actcactgca	ggatgcagct	ctggcccccg	agttcctggc	360

cgtgactgag	tacagcgtgt	ccccagacgc	agacctcaag	ggccttctcc	agcggctgga	420
gacagtatcg	gaggaaaagc	gcc				443

<210> 1694
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 1694						
ctatgttggg	attatttggg	aaactatctg	aggctcatat	aatttagtat	ctttcattat	60
aagattattc	ttatatccat	ttctataagt	ttatattcta	atattatgta	tattccagggt	120
agatgctgtt	ttttttaaat	gaatttgctc	tttgcattha	aatattttaa	tatatcggga	180
aatagttgtg	atcggatccc	ttatcttcat	ttttacaacc	tcattcttat	cctacatggc	240
ggaccagccc	ttcttacaag	gaagtcgggt	ttttggcggt	taaagtcaca	aagatctact	300
gcgcaatcag	cgcgggtcga	atacgccttc	actttctaca	tttttcaata	caacaactcc	360
gtcgggggtca	tttg					374

<210> 1695
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 1695						
cctgtctctg	ctaaaaatac	aaaaattagc	tgggcatggt	ggcatgcatc	tgtagtccca	60
gctactcagg	aggctgaagc	aggacaatca	cttgaaccca	ggaggtggag	gttggagtga	120
gccgagattg	cacaccacta	tactccagcc	tggcgacaga	gcgagactcc	gtctcaaaaa	180
aaaaatcact	ctgtcaacag	caacaataca	ctttcttctc	aatgttcatt	acaagctttg	240
tgtctggcca	caaaacaagt	ctcagtaaat	gagatagaat	taaaatcacg	cagagggtat	300
tctctgtccg	cagtggaaat	taggactcgg	taagatatct	ggagaaaatg	ctggccaggc	360
acgggtggctc	acgcctgtaa	tcccagcag				389

<210> 1696
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 1696						
tacggtttgcg	agatgacgac	agacgggact	gtgcacatgg	acacaagtga	tcctcagtcc	60
ttactccaaa	cccacatctt	tgagagacag	gccacgctgg	agtgtgtgtg	ctcgatcacg	120
gctcactgca	gcttcaaact	ccgcctcggc	ctccataatt	gctgggatta	caggagcgtg	180
ccagtgtgtc	tggccttaac	ttgcattttt	acataagact	tctaaaaaaa	aaggagaaaa	240
tcttcacaat	cctgggatag	acatggaatt	cttaggacat	ggaaagtaat	agaatttcaa	300
aattctgctt	cctgaaagac	actgttaaga	aagtgaggag	gcaaggcaca	gactaagaaa	360
atattcacat	cacacacata	tttatt				386

<210> 1697
 <211> 359
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

<400> 1697						
ccaccacgcc	cgctaattat	gtattttag	cacagacct	ggtctgtcaa	gttgggcgaa	60

atagaaccct	cctttccttg	ttcccactct	tgattctttt	gaacatgggt	tacctccctt	120
cgcgtctttt	ggaacagaag	gggatcataa	gctcttgagt	ctctgttttc	tgctgtcatc	180
tactcttctt	gcctctggca	cctcccagct	cctgacttcc	tctgtcttcc	ccctggagcc	240
agagacgtgg	ctgggaagag	cccctggcct	ttgaagccag	nggtggtggt	gaccaggggc	300
aacaagccac	tgtgctcctg	gatgcgtggg	ctggcaaatc	tctctcccat	tcgcctttg	359

<210> 1698

<211> 399

<212> DNA

<213> Homo sapiens

<400> 1698

cgttgctgtc	gaaagcgtta	gtgaaatatg	aagtgatgag	gaatctgaaa	atgaaattac	60
aagtgttggt	agagcttcag	gtgatgacga	tggaaagtga	gatgatgaag	aggaggatga	120
agatgaagag	gaggatgaag	atgaggatag	tgaggatgat	gataaaagtg	acagtggccc	180
tgatcttgca	aggggtaaaag	gaaatataga	aactagtctt	gaagatgaag	atgatacggc	240
agatttgttt	ccagaagaat	ctgggttttg	gcatgcttgg	agagaattag	ataaagatgc	300
tcctcgtgct	gatgagatta	cacgtcgatt	agcagtttgt	aacatggact	gggatatagatt	360
aaaggcaaaa	gatttgctgg	ctctgttcaa	ttcatattaa			399

<210> 1699

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1699

cgttgctgtc	gctgcctccc	tctgggacta	agtgcctgga	gagcctcctg	ggctcagtgc	60
ccccgccttg	ccctggcctc	cacagccttc	gggagctccc	agaccagtg	ctgagtgagg	120
aggctggtgga	gggcattgct	gctggcattg	aggcagccct	ctgggacctg	acacaaggca	180
ccaatggccg	agacaagacc	aagtatcgca	gcctgctgtt	caacctgcgg	gacccagga	240
acctggactt	gtttctcaaa	gtggttcatt	gagatgtcac	cccctacgac	ctggtgcgga	300
tgagctcgat	gcagctggcc	ccccaggagc	tggcccgcgt	gcgggaccag	gaggagaaaa	360
ggggaccgca	gatgttcatt	gactgcag				388

<210> 1700

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 1700

cccacgatt	cgaattccgt	tgctgtcgga	aggccgtggt	gcagcgcgtc	acccggggcca	60
gcgtcacagt	tggaggagag	cagattagtg	ccattggaag	gggcatatgt	gtgttgctgg	120
gtatttccct	ggaggatacg	cagaaggaac	tggaaacacat	ggtccgaaag	attctaaacc	180
tgctgtatt	tgaggatgag	agtgggaagc	actggtcgaa	gagtgtgatg	gacaaacagt	240
acgagattct	gtgtgtcagc	cagtttacct	tccagtgtgt	cctgaaggga	aacaagcctg	300
atttccacct	agcaatgccc	acggagcagg	cagagggtct	ctacaacagc	ttcctggagc	360
agctgcgtaa	aacatacagg	ccggagctta	tcaaagatgg	caagtn		406

<210> 1701

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1701
tataattaacc gactaaaaga ggaaaataac accatgggca ttcttccctt ttgcctggaa 60
ccatgttgac taaaatgtgt gcctattata agccaattgt gtctcactt ggcgtgggtt 120
caaggtaaca aagatttgat cttattttaat ctcttctcac atgtggtaga cagaattcct 180
aggtgaccca catggctttt gttccctggg gttactcgca tggatcatgt atgttgcagg 240
acaaatgata ttatgcagat gtaattaaaa tgacttacta atcagttgac cttaggagag 300
attatctaga tggatctaac gttatctcac gagtacttta aaaacag 347

<210> 1702

<211> 327

<212> DNA

<213> Homo sapiens

<400> 1702
cgacagaagg aggggttggt cccacctttg actgatgggg aaagtgacgt ttgaagcggg 60
ttatgcaagg tcctatagct caggattcaa acccagggtc tcttgcctta aagccacact 120
gggcttttaa tactacacca aagcctcctg ttatctcgtt tgctccttga cccccacag 180
agaagctgga aaaataaaaa aaacaaggac gacacacaag cagaaagtga tgacctgctg 240
ttttagattg atcaaagtc atcgatgctg cttatgtgac gtgggtgtcca tgcaccatcc 300
atttttattt ttcagggtct agttacg 327

<210> 1703

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1703
attgcactga ttcattgtga tggttccctt agtcatgcac catgcggcct ctgagaaaag 60
cacaatatgg aactctatcc tagctcccca gagattttta acctctactt cttccaagaa 120
tttttgttcc tggacttaga agtcagggca gaggcaagcc aggaaaggca gcaaaccagt 180
ttaacttcct cctctctctc gttgccttat atcttctttt gccctcttgc tctctgcccc 240
aatcctcaca atagttaaca gctactttac ccaaatatca aactagccag agaagctact 300
gaacatgatc atttaaaaaa aaaaaaaaaa 329

<210> 1704

<211> 330

<212> DNA

<213> Homo sapiens

<400> 1704
caacctgtag tatgggaaaa atatttgcaa accatacgta tgataaaggg ttaatatcca 60
aaatatgtca ggaactcaca gagctcaatg acaaaaaaaaa aaaaaaaaaa agggaaaacc 120
ctttttttaa aagggaacaa gggtttgaaa aaattttttt ccaaaaaaaaa acaaaaaagg 180
gttaaggggc ttttgaaaag ggtttccccc ttataattt ttaaaaaaat ccaaattaaa 240
aaaaaaaaac gggccccccc tccttcaatt aaaagggggt tttgccctta aaaaccccaa 300
aaacaaccgg gggggggggg ttggaaaaag 330

<210> 1705

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1705
ttatggcttg aagtttcatt tgcccttttc ttctctatta tctaccacaa atctttaata 60
atttggttgt aatctggata ttagctttct ttagaaaata ttttatattc cttaaatctt 120
ttttaacatg ataaataata aacataaata ggaataaaga ggaatgaatt tagttcctgg 180

ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagttattag	tataatttaa	240
caaactaaag	acactcaaat	gatgtttcaa	aggttggtga	aaaaaactga	taaatttacc	300
tagaaaaaaa	gttttgagat	aaagttaatg	gcgttgaaga	tgacctactg	g	351

<210> 1706

<211> 346

<212> DNA

<213> Homo sapiens

<400> 1706

ttatggcttg	aagggtcatt	tgcctttttc	ttctctatta	tctaccacaa	atctttaata	60
atttggttgt	aatctggata	ttagctttct	ttagaaaata	ttttatattc	cttaaactct	120
ttttaacatg	ataaataata	aacataaata	ggaataaaga	ggaatgaatt	tagttcctgg	180
ctggagatga	ctaaataaat	tacaagtgat	aatattcttt	aagttattag	tataatttaa	240
caaactaaag	acactcaaat	gatgtttcaa	aggttggtga	aaaaaactga	ttaacttacc	300
tagaaaaaac	gatatgagat	aacaggagtg	gcggttggtca	tcacct		346

<210> 1707

<211> 296

<212> DNA

<213> Homo sapiens

<400> 1707

aagctattag	gaatcagtta	aatgttttgg	gattttgtct	gagaatgggc	taaaggagaa	60
tgtccctttt	gccttctgaa	gtttccctga	aaatcactaa	taggaggcag	ataaatagta	120
gaaaaggcat	aaaggtttct	gcaatgtgtg	tacactggag	cccttagaac	gaagacccag	180
acacacgatg	cgtgcagaag	cttatctacc	acatgaagtt	tacagaaaga	atgggggtctt	240
ggatcacagg	aaaaaaaaaa	aggttatgtg	agaaaacgac	cctggctagc	aacagg	296

<210> 1708

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1708

aaacagcaaa	tatataaaac	atacaatata	aacaacattg	atgatatatg	tatattatct	60
acataatacc	cacaaaatag	aaaaagaaaa	tttcagtaca	caggaacaat	attgttcaca	120
aagtagtttt	caataaactt	taaagaaatt	atattatata	aaacacgttc	tttgataaca	180
attataaatt	atgaataaaa	atatagtaaa	atatatatta	gaaactaaaa	ctcctaaata	240
atccttgaat	caaagaggaa	atagaaatgg	aaattacaaa	attttttagaa	tgaaattttt	300
atgtactata	taaaaaatgt	gtgtaataaa	gccaatgtac	attcatagac	c	351

<210> 1709

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(353)

<223> n = A,T,C or G

<400> 1709

ggctgcatga	gctgttgga	ttcctaacc	ctgtgctgtt	caaggttcaa	ctgtactgga	60
ttttcttgaa	aattcagaag	tgttggaac	cctgggcccg	gatttctatg	tgacagcaat	120
tttggggctg	agtggcttca	tttagatggg	gcatgtgctc	cccatattct	gctctcccct	180
taacactgag	gttgatgata	gtgacctcaa	catcaatgag	gtagtgtgtg	ttccatgtca	240

tagaattaag	aggaggttga	agnatttccc	cttctcactt	tcagcataac	tggaacaatg	300
gaacatcccc	ttagggcacc	atattttaag	caagaaagga	agagggcatc	ttt	353

<210> 1710
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 1710						
aggttttcca	taaacctaga	aatatgactg	aagaaaaata	ttccaaataa	cgattagggg	60
tggcatttta	gcttagtgag	atcataagca	tattttattta	tacttagaca	taaagccagc	120
aaataagatg	gggaaaggaa	agaaggaata	aaggaggaca	gagaacaatg	aaggatgagt	180
cagctagttt	tttaaaaaga	aaagaacaga	atgacgaaga	aaaaggagca	gaaagaaaga	240
caaccaaatg	gggagaaagg	gaaacaaagc	tactagaaac	tatgaatgta	tcacttgcc	300
accatgaacc	tataattgtg	cttaatttgg	agacaaatcc	aagaaagggt	acan	354

<210> 1711
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1711						
gagcaggggt	taggcctggg	gatgcccttc	tagtgaataa	aatatggcca	cagtgatggg	60
atgtcacttc	tgaggctggg	gcacatgaaa	caccccactt	ccctcttgct	gatgctctct	120
catgctctca	cttactgtaa	gagaagccag	ctgcccctatg	gagagacatt	catggcaaaag	180
aactggagct	ggcctctggc	caacagccca	agaggatgga	atcctgcca	cagccctgtg	240
agtgaagctt	gaggtggatc	attcccatgc	cgacctttat	gtgactgcag	ctctgggtca	300
caccttgact	gcagccttgg	taggaaaccc	tgatcct			337

<210> 1712
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1712						
agccagcacg	ggcagaagct	tgaaagcccc	caagtcaccc	ctgggccagc	agcagccacc	60
cagggcagga	gggcaggtgc	acagccaggg	tcagcgggtc	agcaactcac	cctggcctgc	120
agcctaccca	gcacggacca	tgtgcccagt	agcagagcta	gaggaacaag	cagaaaaatg	180
gccggccccc	aaccagaggt	cagaggggaag	ggcaggagcc	gctgctgacc	tcgggggaca	240
cgggtggctg	acctcggggg	acgcggggcac	acgctgtggg	gcttcgtgtc	aggcaccat	300
ggggcctggg	gtctgctctg	tgcaacagat	actgtcgggc	tgcccatggg		350

<210> 1713
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1713						
gaccaccgcc	gccgaggagt	caggaagttc	aagatggccg	ccgcggagac	ccagtcgcta	60
cgggagcagc	cagagatgga	agatgcta	tctgaaaaga	gtataaatga	agaaaatgga	120
gaagtatcag	aagaccagtc	tcaaaaataag	cacagtcgtc	acaaaaaaaa	gaagcataaa	180
cacagaagta	aacataagaa	acataaacat	tcctcagaag	aagacaagga	taaaaaacat	240

aaacataagc ataaacataa gaaacacaaa agaaaagagg ttattgatgc ttctgataaa	300
gagggtatgt ctccagcaaa aagaa	325

<210> 1714
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 1714	
cggtgctgtc ggaaggccgt ggtgcagcgc gtcaccocggg ccagcgtcac agttggagga	60
gagcagatta gtgccattgg aaggggcata tgtgtgttgc tgggtatttc cctggaggat	120
acgcacaagg aactggaaca catgggtccga aagattctaa acctgcgtgt atttgaggat	180
gagagtggga agcactgggtc gaagagtgtg atggacaaac agtacgagat tctgtgtgtc	240
agccagttta ccctccagtg tgtcctgaag ggaaacaagc ctgatttcca cctagcaatg	300
cccacggagc aggcagaggg cttctacaac agcttcctgg agcagctgcg taaaacatac	360
aggccggagc ttatcanaga tggg	384

<210> 1715
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 1715	
gtggatcaaa gatttaaata taaaatgaca aaacttctag gagaaaacat acaagaaaat	60
cccgatggca ctggcagata tctcttagat gacagcaaaa gcacaattta ttaaagaaca	120
aat	123

<210> 1716
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 1716	
cagtatcgat ccattaacc aaatctagcg aacattattg agcaatgact atgtaccagg	60
ctctgtgtta ggtgctgccat catatctgat gagtactact attactacta ttcatactac	120
cattacgaag aataacatct aacattttat taaatcctca ctggtagtga cagaaaccag	180
gctaagtgtc ttacatacaa tgtaagtttt caccgaccaca aacctattaa catggcttat	240
gggtgaggcc tacctaatat gatatcgaaa cgaaacagat caacaaacaa agcatctaga	300
attgtccact gttgccttat tcaccatgag ggcatcttag agctagaag	349

<210> 1717
 <211> 340
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(340)
 <223> n = A,T,C or G

<400> 1717	
gatgcgtgtg agctgacgcc attttttttta ggactgggtc acactctggc acgcaaacta	60

tgaggcggtg	tcactatcat	ggttcactgc	atcctcatta	taccatgagc	atgcagccct	120
cccccttatc	tggcgccaca	ggcgcatact	accatgctca	gctaagtttc	taaaagctat	180
tgtgtaaaaa	caggatgtcc	ctatgttgcc	caggctggtc	tcagactcct	gggttcaagt	240
gacagcctc	ccaaagagat	gggattattg	ttgtgagcca	ctatgcccag	gtaattgcat	300
ctgctttaga	gagaagagga	caaacagata	gatacactan			340

<210> 1718
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1718						
tcactcctgc	ccctctcctc	caggcaatca	aactttgggt	tctgtcacta	tagattcgtc	60
tgcatttttg	ggatatgtag	atatattctg	aaatactgta	tattctgaaa	atacactata	120
tgattctgaa	gtcatacagt	atattctttt	tttggctctg	catctttttac	tcagcataat	180
tatttttagat	tcatccaggt	tgtaccttat	tgatagtcca	ttcattttat	tgctgagtag	240
tagtccattg	tacagataca	ctacaatctg	ttcatccatt	catctgttgg	ttaacattta	300
ggttggtgta	tatatttttg	ctatg				325

<210> 1719
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1719						
caaccacat	atttattgcc	attaaaagta	tagataaaag	caatttgaca	tcaaaagtat	60
ccaacattgc	acaagtaact	ttgtttatcc	ctcaagcaaa	tcctgatgac	attgatccta	120
cacctactcc	tactcctact	cctactcctg	ataaaagtca	taattctgga	gtaaatattt	180
ctacgctggg	attgtctgtg	attgggtctg	ttgtaattgt	taactttatt	ttaagtacca	240
ccatttgaac	cttaacgaag	aaaaaaatct	tcaagtacac	ctagaagaga	gttttaaaaa	300
accaaacaat	gtaagtaaag	gatatttttg	aatcttaaga	ttcattccat	gtggg	355

<210> 1720
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1720						
aatcccaact	acttggggagg	ctgaggcata	agaatcgctt	gatcccggga	agtggagggt	60
gcagtcatcc	caacncatac	catttccttc	taaatcttac	atacttcata	gaccttcctc	120
aaatctctca	ctacattctc	tttatttacc	ccaatactca	tatctcttga	ccgactgtaa	180
tctttatttc	ccctttttca	ctaattgcct	aacctactcc	ccttacctct	atctacacct	240
tgccccctca	aaacaaaaca	aaacctatt	tatgtgtgga	aatttattct	aatacttggg	300
acctggtttt	aaacccaatt	tgttcttcct	g			331

<210> 1721
 <211> 233
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(233)

<223> n = A,T,C or G

<400> 1721

tgaataacag	aacttacttc	atagggttgt	tataagaatt	gaatgaaaag	tgcacagcat	60
gacaaatagt	aaacactcag	taaatgttag	ctattactat	tactagtctg	acttaaactg	120
ttatcatcac	atttgatgtg	ataaagaaca	caagggtttc	taaatagact	cccatgggag	180
ctgggagggg	agggtagtag	atgagaatct	gottatttgt	tgggaatttc	tcn	233

<210> 1722

<211> 204

<212> DNA

<213> Homo sapiens

<400> 1722

tgaataacag	aacttacttc	atagggttgt	tataagaatt	gaatgaaaag	tgcacagcat	60
gacaaatagt	aaacactcag	taaatgttag	ctattactat	tactagtctg	acttaaactg	120
ttatcatcac	atttgatgtg	ataaagaaca	caagggtttc	taaatagact	cccatgggag	180
ctgggagggg	agggttgtag	atgg				204

<210> 1723

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1723

gagatctcag	ctctctgcag	cctccacctc	ccagggtgcaa	gtgattctac	tgcctcagcc	60
tttgagtgca	ctaggattac	aggcgccgc	caccacacct	ggctaatttt	tgtattttta	120
gtagagaaga	gcagggatca	tgatgggcta	gatatgctgg	acttacgagc	ctgctgtcta	180
aggctttctt	aatgctacca	ttacaggggt	gagccactgt	atatggacgg	ttgattgcgg	240
agtaaaataa	cgtatgcttg	ataagaataa	gatatacaac	ggagataaca	cctacttgat	300
ccgttcttgc	ccacctctaa	ggagctatat	tgaaccac			338

<210> 1724

<211> 326

<212> DNA

<213> Homo sapiens

<400> 1724

cggggacgtg	tggggactta	cgactgttag	accgccccga	aaaaagggtc	ttacttgcca	60
attatgagat	gctattactt	aaaccgtccc	caccatcatc	tgcaataaat	gtctttacta	120
caactacagc	attcattcta	tcgttcaggc	tcacatctat	agatgcgcaa	tgctctgaag	180
gctgaggcag	gagaattgct	tgagcccagg	aggcagaggt	tgcaagtgtc	cgagatcatt	240
ccattgcgct	ccagtctggc	gacagaacaa	gactctgtct	cttaaaaaaga	aaaagaaagc	300
aaaagttggg	gggcttattt	tataag				326

<210> 1725

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1725

gttctgtcat	cagtacttat	taagggtgtc	tgatgtagta	agcaagatag	tttttacagt	60
cctaggctta	ttacaagttt	agtaacccca	gtggactgag	aaaatctttc	tcaatagctc	120
tggcaaaaaa	ttcctctggg	aaaatatgac	tgatgggagt	ttggatcatt	tgcccattct	180
tgaaccaatc	attgtatagt	tagccctctg	tatataaggg	ttccgcacat	gtgtattcca	240
ccaatcgcg	ttgaacaaaa	ttttggaaaa	cgctgggcgt	ggtggagcat	cccccttct	300

<210> 1726
 <211> 303
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

<400> 1726
 ttgcgcat ttt cctgttaact aataatgctg agcatccttg catgtggcta ttggctat ttt 60
 gtatatattc tttgggttaa gtctgtttta ttcatctgct tctctcactt tataaaattg 120
 ggctatttat cttctaatta ttgaatcata agatttcctt atatatgatg ctctataaaa 180
 gtatcttgct acatatatat atcgntat tttctcctagt ttgtgacctg cttttttata 240
 ttattaatag tatcctttgg ggagcaaaca ttttaaattt tgatagtcta atttatcatt 300
 ttt 303

<210> 1727
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1727
 atatagaatt tcaatacatt tactcaaaat gtggagtaag atagagttca agatcttaga 60
 ttctagaaac tatatagcag gaatatgacc ataggctact tcttaacagc tgtgtgattt 120
 ggggtataata acttaatctc ttttaagcctc atttctcctt ctgaaaaact gaagaaataa 180
 cacctactcg tctgagttct taaaaggatt aaatagcgtc gtgtgtcatt ttggattcca 240
 ccagcagcac agtcagggac aagtatccta acacaagaaa tttgtcatgg tggtaattcc 300
 aggaaagtct ggtggagaca ggggaagtga gactgaga 338

<210> 1728
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1728
 cacaaaaaac aaattgtgaa ttaaaacaaa ttatataagt aaatgcatat ttagcataag 60
 aaaagaaatc ccctcaaaat accaaatttt atctaataca tactacaata cataaaaaata 120
 atttttttta tttattaact tcatagcata cttttctaat accacatttt ctttcttttt 180
 tttttttttt tggaaacaaa gttttctaaa ttttttgcc aaggctgcaa aacagggggg 240
 ggatttaagt taattgaaac ctttcctttc agggtaaaaag gaattttctg gcctaagcct 300
 ccaaaaaagt taaaataaagg ggggggcaca acattgccgg gttatatttg tgt 353

<210> 1729
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 1729
 cgttgctgtc gctgagggtt ccttaatggt ctttttgaat ctttgagata caggatctat 60
 tacttgcatc tgagagaatt ttgatcatga gtcttggtga gatctttttc atattactct 120
 ctgaatgtat tgggataagg tgtaaggcg ctgtcttcta ctttaatctg ataatatggg 180
 gaattgtgtt aatagatgtt ccaatgtttc ctatgcctta catccctagg ataaatccaa 240
 ctgtgccatt ttgttaacct tacaactggt agttaaaccc ctgtctgaca attaatatca 300
 cttatgtggt catttttctg ttttaaaaca ctttatttat ttattgagac agggccttgc 360

tctgtcagct aggctggagc gaagtgggac ttctctcccc ttaactgga 409

<210> 1730

<211> 292

<212> DNA

<213> Homo sapiens

<400> 1730

atattattata	ttttaacttg	tgaaaggggt	taaagtgata	ttgtcaaatt	tcatattatt	60
ccatttttaa	atattattaa	taaactttga	tatgacttca	catttttata	atacatttaa	120
caaacagggt	gaaaaagag	atagtatctt	gatagtgtt	tattattttt	ctttaatcat	180
atagactata	ttttcaaact	ttgtatttta	atatttacta	tttaataaat	gctatagttt	240
tcaaacatct	tcttccattc	tatttttttt	aaactaacat	ttcttatttg	cc	292

<210> 1731

<211> 339

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(339)

<223> n = A,T,C or G

<400> 1731

gatggagaaa	tagagctcac	ctcttctggg	tagagtagtg	gcaaagtcac	attgtanaaa	60
agcctgggag	gtggaaaatt	tttttcatga	ttgtctttgt	aaagtacaat	ctactaccta	120
cactttaacc	caccaattca	tcttttagaa	atttatcctg	taagtggact	tacaaatgtg	180
aacaaaaata	aatgaacaag	gggtatttgt	actaaaatag	taatagcaaa	agactggatt	240
aatctaaatg	tccaataata	gggttattta	acccaattta	tttgtgcccc	tgcaatgcat	300
agctatgtgc	ctggcttttt	tttttttttt	ttggaaagg			339

<210> 1732

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1732

agaggaagaa	gagaaagtgg	ccacagggac	agggcagcaa	gggtcaagcc	tgtaggggga	60
gagatggatg	ggtgagggct	gtgagaaact	cggggatacc	catgcccagt	gggaccaagg	120
gatggggctg	gagtgcagcc	acatgttcca	cctcccccaa	gtgccaggct	gcattggact	180
ttgtcctgga	gccgtgcaga	gccatgggag	gtttttgagc	aggggctcgg	aggcctcagc	240
tcatggtttc	catctggttc	caggctgatg	gggaggcacc	atcacagccc	aggtcaggaa	300
ggtgagacac	tcataccaaa	cacttagaaa	acagggccag	a		341

<210> 1733

<211> 311

<212> DNA

<213> Homo sapiens

<400> 1733

atctcagaag	aaaatgcaac	ccacatattt	attgccatta	aaagtataga	taaaagcaat	60
ttgacatcaa	aagtatccaa	cattgcacaa	gtaactttgt	ttatccctca	agcaaatcct	120
gatgacattg	atcctacacc	tactcctact	cctactccta	ctcctgataa	aagtcataat	180
tctggagtta	atatttctac	gctgggtattg	tctgtgattg	ggctctgttg	aattgctaac	240
tttattttta	gtaccaccat	ttgaacctta	acgaagaaaa	aaatcttcaa	gtagacctag	300
aagagagttt	t					311

<210> 1734
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 1734
 acaaagaaaa tgaaaagcaa aattgccctg taaacaatta cattaaatgc aaatgtctta 60
 aaatacagct attggcataa caaattatta aacataacca agtatatgct gtctacagta 120
 aactcacttc aatataaagc agtttgaaag taaagggatg gaaaaagata cattatgcag 180
 atattaattg aaaggaggaa tggctatggt aacattagat aaagtatatt tcaaagcaaa 240
 gaaaatattt tataatgata aaagaatcag gccgagtgca gtggctcatg cctgtaatcc 300
 cagcacttat ggaggccgag gcaggtggat aacctgagat cag 343

<210> 1735
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 1735
 agaggatgaa gagaaagtgg tcacagggac agggcagcaa gggcgaagcc tgcaggggga 60
 gagatggatg ggtgagggct gttagaaact aggggatacc catgccagct gggaccaagg 120
 gatggggctg gagtgcaccc acatgttcca actccccaa gtgccaggct gcattggact 180
 ttgtcctgga gccgtgcaga gccatgggag gattttgagc aggggctcgg aggcctcagc 240
 tcatggtttc catctggttc caggctgatg gggaggcacc atcacagccc aggtcaggaa 300
 ggtgagacac tcataccaaa cacttagaan acagggccag aggccg 346

<210> 1736
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 1736
 tctatccagt tatccatcca tccatctctc cctccctcct tccctccctc catctctccc 60
 ttcattccatc catagctcta tccatccacc catccatcta tccctttatc caatcatcca 120
 gccatccatc cctctatcca atcatctatc catccatcct tctatccaat catccatcca 180
 tctatccctt attcacctc cctccatgca atcaaccatc tatccattcc catttatcta 240
 acaaatcatc catccacca cacaccacc atccaccat tcatccacca atccatccac 300
 ccattgcacca tcacttaaca gagcgccaag cactgtgcca catggggata cagatcttgc 360
 taaactgtta agcttcatga aggcaacggc 390

<210> 1737
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 1737
 cgttgtgtgc gggggaatat gtctgttttc tgtttcaaga gctaccagga gccatgaggc 60
 agctgcccta cttcatccgg ccagctgtcc ccaagagaga tgtggagcgt tattcacaca 120
 aatatcagat gtcagggtccg attgacaatg ccatcgattg gaaccctgat tggcggcgctc 180
 taccocggta gctaaagatc cgagtgcgga agctacagaa ggaacggatt acaattctgc 240
 tccccaaagag gccccctaag accacagaag ataaggagga aacaatacag aaactagaga 300

ccctggagaa	gaaggaagaa	gaagtaactt	cagaggagga	tgaggagaaa	gaagaagaac	360
aacacaacga	agaggaggaa	gaagaagagt	ttgatgaaga	agaacctgaa	gaggaaactg	420

<210> 1738
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1738						
ggcacgagga	ggacgaggac	gtcaaggata	actgggatga	cgatgatgat	gaaaaaaaaa	60
gaggaagcag	aagtaaaacc	agaggtaaaa	atttcagaac	agaaaaaaat	agccgagaag	120
ataaaagaga	aagaacggca	acagaagaaa	aggcaagaag	aaattaaaaa	gaggttagaa	180
gaacccgaag	aacctaaagt	gctaaccacca	gaagaacaat	tagcagataa	actgctgcta	240
aagaaattac	aggaagagtc	agacctcgaa	ttagcaaagg	aaacttttgg	tgtaataaat	300
gcagtttatg	gaatagatgc	tatgaaccca	tcttcaagag	atgactttac	agagtttgga	360
aagttactaa	aagataaaat	tacacaatat	gaaaagg			397

<210> 1739
 <211> 429
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(429)
 <223> n = A,T,C or G

<400> 1739						
ggcacgagcc	atcttcaaga	gatgacttta	cagagtttgg	aaagctacta	aaagataaaa	60
ttacacaata	tgaaaagtca	ctatattatg	ccagtttttt	ggaagtctta	gttcgagatg	120
tgtgtatttc	attggaaatt	gatgacttga	aaaaaattac	caattcactg	actgtgcttt	180
gcagtgaaaa	acagaagcaa	gaaaagcaaa	gcaaagccaa	aaagaagaag	aaaggtgtgg	240
ttcctggagg	gggattaaaa	gccaccatga	aagatgatct	ggcagattat	ggggggtatg	300
atggaggata	tgtacaagac	tatgaagact	tcatgtgaca	ttttatcttt	tcttggngtc	360
atcttttatg	tgcccacaat	cccttgaaca	tgtagcacia	cttccttttc	tttcagttct	420
gccaaatgn						429

<210> 1740
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 1740						
tatacgacag	aaggggtaat	cccaaaaact	tgggaggctg	agataggagt	atcacttgag	60
cacagttcca	gaccactctg	gacaacagag	caagaccccc	agaaaatgaa	aattaaaaaa	120
tggcaaagtc	agaatacatg	ttgaatttaa	aagactacgt	tttggagggtg	tagctgatcc	180
caagctgtta	tgagcaaccc	cctaaggact	gcagatggcc	tgatccagg	ttctgagtta	240
gagcagcaga	cagtctagag	ctatagccac	acagagggct	ggggattgctg	cagcagggtc	300
tagacacgac	cctgccacag	taggtcgtct	ccctctgttg	gcacaaacag	acatgacatt	360
gttggcagag	tn					372

<210> 1741

<211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1741
 aattagaata attgggaaat gattggaaaa tagaaatctt aagctagaaa acatgtaact 60
 aataaaaagta gtttcattaa aacaaaataa ataaaagaat aactaggaat atcctaataca 120
 agtaagtaat ggagagtata caaaataatt agtaaaaagga gggatatatc caagatagta 180
 aaaacttttaa atatttttgaa aaattttatg ctacatatctt gatattttta agaaaacata 240
 atttaccaaa actgacccca gaataaatat aaagtctcat tctgttaaca caataaagaa 300
 aatgtacaaa aggctatctt tcagaaatgt accaagtcca g 341

<210> 1742
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1742
 cctgaatgga gtgaacaaga gggccatgca gatatcttgg aggaaagaca ttcccgggca 60
 aggaaacagc aagtgc aaag gccacaaggt gggattgagt gtggtgtgtt tgaaagctga 120
 actgtcacca gtgcaggagc agagtgggca aggcagagca ggggagtgat ccaggcaaag 180
 gtacatttca ggaaaaattg acagtaagga gttcggattt tatgctacat gtgttggaaa 240
 aaccaatgaa gggtttttcag ctaggtaaca tgatccgatt tactcccttt aaagattggc 300
 cgggcacagt ggcacatacc tgtaatccca gcactttggg aggccaaaggc aagaggattg 360
 tttgagctca ggagttcaag atcagcctga ccan 394

<210> 1743
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 1743
 cctgaatgga gtgaacaaga gggccatgca catatcttgg aggaaagaca ttcccgggca 60
 aggaaacagc aagtgc aaag gccacaaggt gggattgagt gtggtgtgtt tgaaagctga 120
 actgtcacca gtgcaggagc agagtgggca aggcagagca ggggagtgat ccaggcaaag 180
 gtacatttca ggaaaaattg acagtaagga gttcggattt tatgctacat gtgttggaaa 240
 aaccaatgaa gggtttttcag ctaggtaaca tgatccgatt tactcccttt atagattggc 300
 cgggcacagt ggcacatacc tgtaatccca gcactttggg aggccaaaggc aagaggattg 360
 tttgagctca cgagttcaag atcaa 385

<210> 1744
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 1744
 ggcacgagat tgcatatagt cctgatggga aatacctagc cagtggagcc atagatggaa 60
 tcatcaatat ttttgatatt gcaactggaa aacttctgca taccctggaa ggccatgcca 120
 tgcccattcg ctccctgacc ttttccccgg actcccagct ccttgctact gcttcagatg 180
 atggctacat caagatctat gatgtacaac atgccaatat ggctggcacg ctgagcggcc 240
 atgcctcctg ggtgctgaac gttgcattct gtccctgatga cactcacttt gtttccagtt 300
 cgtctgacaa aagtgtaaaa gtttgggatg ttggaacgag gacttgtgtt cacaccttct 360

ttgatcacca ggatcagggtc tggggaggaa aatacaatgg aaatggttca aaaatttggg 420

<210> 1745

<211> 389

<212> DNA

<213> Homo sapiens

<400> 1745

acgctgatgc	cgcacatctgta	tacacccgtg	gaactagcat	caagattaag	ataatgaaca	60
tggtcatcac	cctcaaaagt	tccccgatgc	ccctttgaaa	tcaccctttc	catcctttcc	120
ccaccctcct	gcccggaac	cactgatctg	ctttccgtca	ctatagatga	attagcttag	180
atcttctaga	gtgatgctta	tgtggaattg	tacagcatat	attctcatat	tatctcgctt	240
ctttcactca	gcataatcct	gtcaacatta	ttccatttgt	gccatgtagc	atcacttgat	300
cgtattgttg	agtaggattc	cattttatgg	ctagatcaca	atttgtttct	ccatttgtct	360
attgatgggc	atctgggtca	tttttact				389

<210> 1746

<211> 176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(176)

<223> n = A,T,C or G

<400> 1746

tgggtgaata	acagaactta	cttcataggg	ttggtataag	aattgaatga	aaagtgcaca	60
gcatgacaaa	tagtanacac	tcagtaaag	gtagctatta	ctattactag	tctgacttaa	120
actggtatca	tcacatttga	tgtgataaag	aaacacaggg	ttttcaaat	agaatg	176

<210> 1747

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1747

gagtctcact	ctgttgccca	ggctggagtg	caatgggtgtg	atctctgctc	actgcaacct	60
ccgcagcctg	ggttcacgcc	attctcctgc	ctcagcctac	caagtagttg	ggagaatagg	120
cgaattccac	cactctcgca	tttgtgatag	gactttttaa	aggactcgga	gtccaaatac	180
taaaaacagg	atggccgga	tctccagacc	tgatgatctt	gctgccttta	tatttaaagt	240
gccaggacta	tacgccgaat	aatgggtggc	ccccttgaag	acgcaacctt	gtcctttgct	300
tatgaattgg	gtgttgtacc	gattctcctg	atatccctat	aggcaattgt	cggaaatag	359

<210> 1748

<211> 328

<212> DNA

<213> Homo sapiens

<400> 1748

caggggtgaat	ctgccttagg	ttccctgcct	tcagacagta	ttctcctgcg	gcaacacttt	60
gctgacaact	attcttgaaa	atacggggat	tggtattttc	atggtgggtt	tcatggggct	120
gagaacttag	aagataatga	ctgcttcctt	catctgggga	tgggatttaa	atgtaatgga	180
gcactcactg	ttttcttgag	aagggtggag	atactagctt	ccttataaag	ataaaggggt	240
gcgagaggca	ggatttttag	aactcaaata	tatgtgggaa	cggcgagca	tgaattcttt	300
tttctttccc	aatcccaatc	ttttattg				328

<210> 1749
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 1749							
tatatgaacc	gactaaaaga	ggaaaataac	accatgggca	ttcctccctt	ttgcctggaa		60
ccatgttgac	taaaatgtgt	gcctattata	agccaattgt	gtcctcactt	ggcgtggttt		120
caaggtaaca	aagatthgat	cttatttaat	ctcttctcac	atgtggtaga	cagaattcct		180
aggtgaccca	catggctttt	gttccctggg	gttactcgca	tggatcatgtt	atgttgacagg		240
acaaatgata	ttatgcagat	gtaattaaaa	tgacttacta	atcagggtgac	cttaagagag		300
attatctaga	tggatctaac	gttatctcac	gagtacttta	aaaacag			347

<210> 1750
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 1750							
tgcatacatg	ttttaaaaca	tcatactgta	tcccataagt	ttgtacaatt	actatatgtc		60
aattaaagat	aaaatacaac	tttaaaaaat	tgtccaaaat	gaaacataca	gaaaataactt		120
taagaaaaag	caaaagagca	tcaatgagtc	agtgagttat	ggaacaactt	caagacacct		180
aatatacacg	taatttaagt	ccctgaagaa	aaggggtgta	taaaaatatt	tgaaaaaata		240
atggatgaaa	ttttaaatat	ttggtaaaaa	ccataaaaact	gtagatctaa	gaagctn		297

<210> 1751
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1751							
aaatctttac	ctagctttgt	tttctaagcc	ttcatcagaa	tctaggcttt	ttctagtctg		60
ctcctccaaa	ttattctacc	tgtgtcccca	ttataccag	tttcaaagct	gcttccacat		120
gttcaggtat	ttctcgttgt	cagtaacacc	ctacttcttg	gtaccaattt	tccagaattc		180
catgaactct	accaccagtt	aacccaatgg	taactggaac	atattccagc	taagaaattc		240
agcagtttat	taaaaattaa	tggatctagg	ccaggcatgg	tggctcacac	ctgtaatccc		300
aacacattgg	gaggtctgaga	tgaggggga					328

<210> 1752
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1752							
gaatgcaaaa	agagaaaggc	cgaccatgcg	gtggaaggtg	cggaggaagg	ggaggggagt		60
actcatcatt	gtggagggcc	ccaaagcatc	ggaatgggac	ggcatgcaca	taatgaatcc		120
ttctccctgg	cgaatctaata	gctgttacgt	ctccatgtca	ggaaagccat	ttaagaaaca		180
aggatatgcc	ggtcgcggag	gatcaactctt	tttattcctg	cactttggta	ggcctttgtt		240
ctcacattga	cttatgtcat	gtattactta	cctttctggc	cacctcgtt	tcaagaccct		300
attaattttta	cttctccatc	ccttttcttt	ggagtctccc	ccccgctgcg			350

<210> 1753

<211> 338
 <212> DNA
 <213> Homo sapiens

<400> 1753
 tcatcacttt ttaatataat gttaattaat ttgcataatt atcatgacaa gtacaagtga 60
 ctttcacagg taaagaagca gacacaactg attttgactc tggtaagcaa caccactcaa 120
 ggagagggtt ggaagcagaa gtgcctgagt ctccatgga gtagcctgtc agtgactggg 180
 cagcccttgg gcagtccatg tggttatggg gaaggaagag cattaatgaa tccaatagtt 240
 tggttaattc taactgaaca gtattctttt aaaatttaca tgtcccttat ttttaagaata 300
 atatgtttat tatatatatc ttgaaataat atgtttca 338

<210> 1754
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 1754
 ggcacgaggc tgggggtgct ttatcctttc tgccaagtgc cgtgacactt ctgaaaaatc 60
 tccaggagca agtgatggct gtaactgcac aagtgaatc actgacacaa aaagttcaag 120
 ctggggccta tccacagaa aaggggctca gcttcttgga agagaaagac cagctgctgc 180
 tcatgtacct tatggatttg acccacctca ttctggacaa agcctcagga ggatctcttc 240
 agggacatga tgcagttttg agactgggag agattcgaac ggttttggaa aagcttcgtc 300
 ccttggaacca aaagctgaag tatcaaattg acaagctgat caagactgca gtgacaggca 360
 gccttagtga gaatgacca cttctgttta aagcccg 397

<210> 1755
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1755
 ttgtggctat agagttactt tgtatgattt tgatcattta aatttatcga tacttatttt 60
 atgacacagt gtttgggtcta tcctggaaaa cattccatat ttgcttgaga aaaaaatcta 120
 tatattcctg tgttgttgga tggagtgggt attcaaaata caactctgtg ctaactttct 180
 gtttagtttt tctaccaatt attgagataa tgcattgaag tctccaaata ttattgttga 240
 tttgtgtttc tcttttcaat ttagcttctg tttgtatttg gggaatctat tactatgtga 300
 tatgatctat atatgt 316

<210> 1756
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 1756
 tggtagcgct tggaaaggac aagagaaggg atctgttgcg ggaagacgac cgagagctac 60
 tggtagctaca agacgaacaa ccgtctctgc tgagagtaca cgaattatag gtgcttgtgg 120
 gcacgcacca gtgatcgcta ctgggtcgga agggag 156

<210> 1757
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 1757
 gcctcagccc ccaagtagct gggatgacag gtgcatgcc aacgctggc taatttttat 60
 attttttgtg gagacagggt ttgcatgt tgcccaggct ggtggtgaac tctggattc 120

aacctttctg	cctgccttgg	gctcccaaag	tgctgggatt	acagatgtga	gccattgcgc	180
ctggccaagg	cttgatatta	ttaagtcaat	gcttctcata	ttggccta	ttatagatca	240
atgcaattat	aatcagaaac	ctagcaggtc	tgtagggggg	cgtaaattga	catggtggga	300
ctaaaaggta	tgtgaaaatg	caaag				325

<210> 1758

<211> 379

<212> DNA

<213> Homo sapiens

<400> 1758

cgttgctgtc	gctttgattg	tcattctcct	gggaagccca	gtctcagtc	ctcccccaac	60
actgtccaca	ctgcccctcc	ccactgttta	tttattgcac	ggatctaagt	tattctcccc	120
agccagagcc	cgagctcctg	ctccctggga	aaagtggcgt	atggccctga	gctgggcttt	180
atattttata	tctgcaaata	aatcacattt	tatcttatat	ttagggaaag	ccggagagca	240
acaacaaaaa	atgtttaagc	cgggcgcggt	ggctcacatc	tgtaatcca	gcactttggg	300
agtccaagga	gggggatcgc	ttgagtccag	gagtttgaga	ccagcctgga	caacatgggt	360
aaaccccatc	tctacaaaa					379

<210> 1759

<211> 112

<212> DNA

<213> Homo sapiens

<400> 1759

tacgggttcga	gaagaacaat	aaacgggttcg	gcttgcttaa	tacgactgaa	cggttcggct	60
tcgacatgaa	cccccaaagg	gctgggttgc	tgaataagct	tgaacggtac	gg	112

<210> 1760

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1760

cgttgctgtc	gctgtcacag	acacataact	ggaaatgtga	ttttattctc	ctggatggac	60
aattgtgatg	gatttttttg	gttcggggct	tcaggctttg	caatctcatc	ttctttgccc	120
ttcctcttgt	cataatggaa	gaggtgctgc	taatttgggt	tccatccttt	cctgctttca	180
gagactgtcc	tgtgatttcc	taaaacattt	ccattagttt	gtttgaattt	tctgattttc	240
ttcccttagg	gccctccaca	ggcctctgtg	ctagtgcctt	gaatgatggc	aagtgtacaa	300
aaaaaatttt	ttttcttttt	aagacgtttt	tgttctgtca	cccaagggtga	gtgcaatggc	360
gngatctnng	gtcactgcan					380

<210> 1761

<211> 160

<212> DNA

<213> Homo sapiens

<400> 1761

gaacctcctg	ctccagcctc	tgcctcctcc	atthttgatgt	ctagaatcag	gggatccagg	60
atcatcacca	aggtcattht	cccagacaga	tgtagctgagg	ctgtagaaag	tgctthttat	120
ttgggttgga	gcctgtgcat	aaatgcgaga	ggggctgcac			160

<210> 1762
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 1762
 ttattgggta tatgcaatgt gtgtgtccat gtgtacctct cccacagtcc ctcaaagtgt 60
 gagggtagaa cttccaataa actttctctc cactgtgctt acatagccca ctgcacatgt 120
 cttctacatt gtattatagt tatttggtca cagatTTTT ttttaccact aaactatgat 180
 cttgtcaagg gtggagacgt ctttatcttt ataatccaag tgccataggac atttcctgac 240
 acatggtagg agttaaaatac cttggttgaa ttaatatata aataaaacag ggagcattgt 300
 ttaagaatat gaattattgg ctgggtgcgg nggctcatgc ctg 343

<210> 1763
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 1763
 ttctgtgac attggacaac tgaaaggctc ttatgcagga agacatatgc ttagcacatg 60
 tgccagaagc actactacca ggtctttatg ctagaatcat gaaaatgtat attctcgcag 120
 aaagtctacg caagtgcctta ttgcaactat acttataatt gtcacagatg gaagcaacca 180
 aatgtccgac aattcgtaaa tagataaacc agctgcactg tcattggtgg ctcacgctag 240
 cacttt 246

<210> 1764
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 1764
 catacctaat agctcaacag tgtatagcca attactaaca atgtcatttt tgtaagctaa 60
 tgaggattcc tgacaaacca ctttataact tcatcatcac tccctctccc aattcatcat 120
 ttttttcttt agcagctcca gtctctcctt tgttctccag agcacttccc aaggtaactt 180
 agaagtattt tctgggctgc agtccttaac tttaggccaa ataaaccctc tacctatagt 240
 aattttggct caatttcttt cttaggcca acactcctaa aaatcacaaa tgaagctgaa 300
 tgggcattca ctttctgctt tcatcttctt ggggataaga actataaaat ccttggccgg 360
 gcgcgggtgg 369

<210> 1765
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 1765
 catatttttc taagttgctt aaaatttaat tacttaaaat tacttaaaat tctaaattac 60
 ttaaaaattt aattcatgtc aatgtgatca aacagatcaa tttctttcat tgccttggtt 120

caattatggt	aacattat	ttccaggaag	ataatgttcc	taggaacata	tagattttaa	180
aaaccagcaa	ataggaaaaa	atgtaggttg	tagacttctt	ttccaggtag	tctttgaaaa	240
atgaacagaa	ttcagtattg	aaaatatcta	tggttctaac	tttgtcactg	tgtaacctta	300
aataaattac	ttagcatctc	tgagtcttta	ctttctaaac	tattaa		347

<210> 1766

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1766

ccagcctggg	tgacacagtg	agactccatc	tcaaaaaaat	aaaaaacaaa	aaaaccagag	60
aataccaaga	aagtgcata	ctatatatac	atacatatgt	gtatatat	gcataaataa	120
atccagaaga	tgctaagaa	acttat	tttag	gaatgtggga	gggcatggtg	180
aatagggagg	aacagttaga	gagagt	ttcac	actttgtatg	ttttcatatg	240
aaaccatgtg	aatgtattac	ttactcagaa	attaaattag	gccaggcgcg	gtggctcacg	300
cctgtaatcc	cagcact					317

<210> 1767

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1767

cgttgctgtc	gataaggggc	aggtcttggc	cctagaggat	tgagatgttt	ttctaaatct	60
tagaactatt	tttgataaa	ttatatat	ttt	tccttcttag	tagaagtgtt	120
actagctcaa	aataccaatg	cagtttctgc	attctgggtt	ttggttttcc	tttttttttt	180
tttttttgga	gtttggcttt	ggccccccag	gtgggggggc	aggggggggaa	tttaatttaa	240
tgggaaaatt	tggcctccgg	ggtaaaaaga	attccccgcc	ctaaccccccc	ggagaaccgg	300
gaataacggg	gccccccccc	ccccctaagt	aaatttttgg	tttttaaaaa	aaaaggggggt	360
ttaacattgt	ggcccggggg	gttttt				386

<210> 1768

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1768

aatagtttgg	ttaattctaa	ctgaacagta	ttctttttaa	atttacatgt	cccttatttt	60
agaataata	tgtttattat	atatatcttg	aaataatatg	tttcaataaa	ttgaaaataa	120
aacacataca	tacacacata	cacacacaca	cacacacaca	cacaatgcac	cacctggaaa	180
atcactataa	atattcaatc	attctatttc	cataatgctc	tcttatgcaa	ggaccactta	240
caacacaata	attttttaa	acagtccatg	gttttagcta	atactgcata	tatcacataa	300
aaataggaca	atatgccctt	ataatgagtt	attcttggta	taactca		347

<210> 1769

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1769

agtacattat	gaccactggg	tttatttctag	aaatgcaagg	ctgatgtttg	aaattctcca	60
tattaagtaa	gtaaaagggg	ggaggcacag	atatcaattc	tccccaat	gatacttaga	120
gtcaaagtaa	tccaaccac	attcccaaca	gttggtgaag	aaatataggt	ggattctcta	180
ttatttttct	gtattgagct	ctaaatagat	acagaaaaaa	aattgataaa	attcaatact	240
tatttgttat	ttaaaaataa	tcatgacaca	ccccgaacag	aaaggaacct	ttttaatttg	300
aaaaagctta	tttacaataa	cctatctaac	cattgaaaaat	ttcttcttct	ttct	354

<210> 1770
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 1770
 tctacagctg agagaagaca ctgaagggat gggaaacgct gcgacctctt acagaggagg 60
 aaagttcatg gacttctagc ttctagaact gtgatacaat aaactcctgc tgcttatcta 120
 ctctcttgca gtatcttgct atggcagccc tagcaaaacta ctatagttagc tgtggggggtt 180
 aggatgacac caagcatcaa atgccactcc ctgttccaac agtgagacca ttccacagcc 240
 cctgaatgac aagacaggcc ttcaaactca agactacctg gctaaggtag aagtacttta 300
 gtcacaccac ttctgaactt tcttgccctac ctgcagggca agaattttta ccatttttta 360
 atgtggacac tgaagctcac a 381

<210> 1771
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 1771
 ggcacgaggt ccctgaaaga aagttctgta tggattcctt tcatgcggtg aaggaacaac 60
 aacaatattc aacttcacct tggcgtgtga gggtcgtcgc gttttataac actatccctg 120
 tagaaagatt agtgaaatgt attggaagaa gtaatggaaa cgtgaatctt cctgggctcg 180
 cgagtggatc ttatttggag tcttcacctt cttaaactctg atgtttgttt gaaatcacgg 240
 ctgaatttcc atatatagga cagaaagaaa gaaccccaat tttttaaaga aagctcccc 300
 ccccccgcc cgctttttttc ctgaaccac ttggtctccc gttataaggc ggccacaata 360
 aaaggcaaca attttctttt agtcttttga cgccattata ttt 403

<210> 1772
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 1772
 cctgtctctg ctaaaaatac aaaaattagc tgggcatggt ggcattgcac tgtagtccca 60
 gctactcagg aggctgaggc aggacaatca cttgaaccca ggagggtggag gttggagtga 120
 gccgagattg cacaccacta tactccagcc tggcgacaga gcgagactcc gtctcaaaaa 180
 aaaaatcact ctgtcaacag caacaatata ctttcttctc aatgttcatt acaagctttg 240
 tgctgggcca caaaacaagt ctcatgaaat gagatagaat taaaatcacg canagtgtat 300
 tctctgtccg cagtggaaat taggactcgg n 331

<210> 1773
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1773
 agtctgggtg acagtgagac ctcttcacaa aaaaaaaaaa gggggggggg ccggacccat 60
 gggctcacc cttgaaaccc aaccttttgg gagggccggg gctggcgatt caaagggacg 120
 gaaaacaaaa cccttctggt taaccgggga aaacctgtg ttttcttaa atgccaaaaa 180
 aaaaatttac ccgggcgggg gggaaagccc ctgttacccc aatttctttg aagggtgggg 240

ccagaaaatg	ggggaaaccc	cggaggggga	atttggttga	aactaaaaat	gccccactgg	300
actccaccct	ggggaaaaaa	aacaagaaaa	atttctaaaa	aaaaaatatc	cctttgaacc	360
ccctcttttt	tga					373

<210> 1774
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1774						
tctcccaaag	tgctgggatt	ataggtgtga	gtcactgttc	ccagccgaga	caactgtctca	60
taaaaagaaa	agaaaagaaa	aaaaaaaaaa	gggtgggggg	caggggttca	caccgggtatc	120
cccacctttt	tggggggcaa	aggcgggtcaa	acccccgggg	gcggggagtg	aaaaactcct	180
ctgcccacag	ggcaaaaacg	ttgtccttta	taaggaccta	aaaaataacc	cgggttggtg	240
cgaacctott	tgaagcggca	ctaactgtga	tcctctgagg	attcgtagta	ttcgccctaca	300
cttcctcaca	cgatgtaatg	gattcacttc	cttctctaac	atagtagacc	g	351

<210> 1775
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1775						
cctataactg	cttttgtggt	ggctcattgg	ttttaatacg	atgagtttct	attctaattt	60
gtctcaataa	attttttaaa	taataaaatt	gacccattgg	ttattttttg	agtgcattgt	120
ttaattttcca	tgtatgtgta	aagtatatga	caactgttgt	gatttccaga	tccatacctt	180
tgatacttga	tataatctcc	atcttcttaa	atttttttta	gacttgatct	gtggccctaat	240
gtatgatcta	ttctggagaa	tgttccatgt	gtagttgaaa	agaatgtgta	ccctacaatt	300
gttgaatgaa	atggctctgta	aatgtcttta	aggtc			335

<210> 1776
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 1776						
gtcttttttgc	aggatccgcc	gccatgaagg	cctggtgtga	gcgcgtcacc	cgggccagcg	60
tcacagttgg	aggagagcag	attagtgtcca	ttggaagggg	catatgtgtg	ttgctgggta	120
tttccctgga	ggatacgcag	aaggaactgg	aacacatggt	ccgaaagatt	ctaaacctgc	180
gtgtatttga	ggatgagagt	gggaagcact	ggtcgaagag	tgtgatggac	aaacagtacg	240
agattctgtg	tgtcagccag	tttaccctcc	agtgtgtcct	gaagggaaac	aagcctgatt	300
tccacctagc	aatgcccacg	gagcaggcag	agggcttcta	caacagcttc	ctggagcagc	360
tgcgtaaaac	atacaggccg	gagcttatca	aagatggcaa	gtttggggcc	tacatgcagg	420
tgcacattc						429

<210> 1777
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1777						
cgggagtggtg	ggggaggggca	gtgaatatga	taggatacca	ctcctgtgat	caggttacta	60
atcagttgat	tttttttagtt	aatcaaaagg	gaggttatcc	taactggaat	tgatcaaacc	120
aggtaatctc	tttaaaagaa	gatgaatgtc	agagtgatgg	tctcctcctg	gccttgaaga	180
caacgcaaac	tgagagaaaag	gggccactca	gcaaggatct	gagggcaacc	tataggaaca	240
gacagcctac	tgcacaagaa	gcaaggggat	cagtcatagc	acaacaagga	aattttctgcc	300
aaaaaccagt	gagcctggaa	gagaatcctg	aacttcagac	gagactgcaa	ccttggaattg	360

at t t t t

365

<210> 1778

<211> 373

<212> DNA

<213> Homo sapiens

<400> 1778

cgttgctgtc	ggaactgggc	aacatagtga	cacccagtgt	ctattacaaa	caaaacaaaa	60
acagatgaag	gcctgcattt	gcctgtaggc	tatagtttgt	tgatccctaa	ctagtaaattg	120
gtattcacat	ataaccacat	ggactttgca	ctgcacagaa	aaagtcagtt	tggggagaat	180
ttcagactta	catgtgaagg	acagatgtca	at t t t t t t t t	ttat t t t t t t	tttgagacag	240
agtctcgctc	tgttgcccag	gctggagtgc	agtggcatga	tcttggtcctca	ctgcaacctc	300
tgccccctgg	gttcaagcaa	ttcttgtgtc	tcagcctcct	gagtagctgg	gattacaggc	360
gtgcaccacc	acg					373

<210> 1779

<211> 408

<212> DNA

<213> Homo sapiens

<400> 1779

gggcgacaga	gtgagacttt	gtcacgaaag	aaagaaaaag	aataaagaaa	gaaagagaga	60
gagagagaga	aagaaagaga	gagagagaaa	gaacgacaga	aagaaagaaa	gaaagaaaaga	120
aagaaagaaa	gaaagagaga	aaagaaaaga	acgagaaagg	aaagaaggaa	agaaagagaa	180
agaaaggaac	aaagaggaag	gaagggaggg	agagagagaa	ggagagaaag	aggaagggaa	240
ggagagaggg	aacgcaggaa	gaatgcatta	ctgcccacag	gttatctctt	tatgcacgac	300
ttatgcctag	acgcgctccg	gtatacaaac	ggcaaagctc	taaaccggcg	ggctcgtact	360
taccaccctt	atctccccc	aaccgcattg	cagccttcct	accctgcg		408

<210> 1780

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1780

gacatcagaa	ttgtgtatct	tgattttacaa	agaaaaaaaa	caaaagatac	tctctttttt	60
aataaactta	aatgtttcac	atggcaagtg	ttcactcagc	aaagtacttc	agaacaaatt	120
tcagaatcac	cagagaacca	gtgaacaaag	aggggtgcaga	gataaggaga	ggcattagat	180
gataaagcaa	tcagttctcc	aaggagacat	aacagtcctc	actgtgtatg	caccaaacaa	240
cacaacaccc	caatacatga	ggcaaaactga	tgaactgcaa	ggagaaatgg	ccaattcaga	300
tactgactgg	attagaacaa	atacccaaaa	cttggggagt	agtgtcaat	a	351

<210> 1781

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(380)

<223> n = A,T,C or G

<400> 1781

cgttgctgtc	gcgcgagatg	gattccgggt	gctggttggt	cggcggcgag	ttcgaggact	60
cgggtgttca	ggagaggccg	gagcggcggt	catgaccgcc	cgcgtcctac	tgcgccaagc	120
tctgcgagcc	gcagtggttt	tatgacgata	cttaacttct	cgtttacgtt	tcacttccgc	180

ctctttcgct	tctttcttcg	cccccttttc	cttctttctca	tcccaccatt	ctgatcggtc	240
tccttgcgat	ctctgctcgc	tcttcatctc	tgcgctcctc	gtacttttcc	ttcctccatc	300
tctttctctc	ccctcgctcg	ccgcgcctt	actactcttn	ctagttctgt	cagctcttct	360
ttctgtctcg	cctctctttc					380

<210> 1782
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 1782						
tctttttcta	ctacacacac	atTTTTtagca	ccaacctctg	taatacatct	taacagattc	60
cacatcacat	tgtactgaat	tcatattttc	tctacttctt	tgtaatgtatt	tttgctgtt	120
cacatagaat	attaatgtaa	attgattctt	tagtcacttt	aaacttggca	ttgactcttc	180
taagagacaa	catctgagca	gtcttctact	tagacagcca	ttcaataata	gtgggaccc	240
tcaacacccc	attgtcacat	tagacagatc	atcaaggcca	aaaagtaaca	aattctgaac	300
ttaaacttga	cacgtgacca	atggcactta	atagatatat	atagaan		347

<210> 1783
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1783						
ttttgagggg	tttttaaaga	aaaactacta	aatttgatga	ttgataacat	ctgtgcagtg	60
ggctgggctt	gcagggaggg	ttatgagaca	tggtagggcc	agagtgggtca	agtgactgaa	120
tattgttgag	agtgagaagt	gagaagggca	ggagaccaga	actgaggctg	agagtgcagc	180
tataatgata	aagacgggcc	aggcacagtg	gcttacacct	gtaatcgcac	tctgggaggg	240
cgaggtggga	gaattgcttg	agtccagtaa	ttcaggacca	gcctggggcaa	tatagtgaga	300
ccccatctct	acaaaaaatt	taaaaattag	ccaggg			336

<210> 1784
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1784						
gttgagactg	caatgagccg	agatcatgcc	attccactct	aaccggggtg	acagaatgag	60
aacttgtctc	aaaaaaataa	aaaaataaaa	aaaaaatgta	tcaaccaaag	tcatggagaa	120
ccaaaccaag	ttttgtctac	aacctgatt	cttacagttt	ttggtttcag	gactctttgc	180
atTTTgaaaa	ataactgaac	accagaagc	ttttgtttat	atgaatttta	tctatcagta	240
tttactatat	tagaaattca	agtgaggaaa	aatttaaata	tgtatcaatt	catttaacag	300
aacatgagta	aactcattac	atgtaaacad				330

<210> 1785
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 1785						
ctataacaatc	tctgttgcaa	ctcttcaact	ctccctttgt	agcatgaaaa	cagtgatatg	60
ccatagttaa	ttaataaaca	tggctgtgtt	tcaataaaaac	tttatttgca	agaacaggca	120

gctgggcaca	ggtgatctcc	tagccatagt	tttccaacct	tatttatctc	ccaaaggaga	180
tttccttttg	gagataaata	aggtttagatt	tgatcttgag	ggtgagaaac	ttatgatagg	240
attaatatcc	tcataaaaga	agaaagaggc	cagggtgaggt	ggctcatacc	tgtaatccca	300
gcacttttgg	gagggcggag	gtgggcaaat	ct			332

<210> 1786
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1786						
gtctccatat	aaatcgagta	tgatttccag	aaggaaagaa	aacaataaat	aggacaaatg	60
tgatatacaa	agtagagaca	ataatgggaa	atttttcaga	atcagtcatt	ggtggagcat	120
gacacgagtg	attaagtagg	gtagtgggtca	ctaaatccaa	caaaaataaa	tacctccact	180
tcatgatctt	catcattatc	atcataatca	ttgttatcat	cttaagtacc	atccacaaat	240
atcacaaagc	tctagaatac	tattgttatt	gtactggaaa	tgtaaaactc	taaggtaatt	300
aaaacataaa	tcaaattgtaa	ataatatatt	ttcag			335

<210> 1787
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 1787						
gggcgatctt	ttcggattat	cttccatgct	gtggcagaat	aaaacaaaaa	cattgggtctt	60
tcttggaact	tcaacctacc	agctttttgaa	ctgaaccacc	attgggtctc	ctgggtctca	120
tgctttcaaa	ttcagactgc	caatatcata	ctgaatgggc	aaaagctgga	agcattccct	180
ttgaaaacca	gcacaagaca	aggatgtcct	ctcttaccac	tcctattcaa	cgtaatattg	240
gaagtctctg	ccagggaaat	caggcaggag	aaagaaataa	aggtattcga	acaggaagag	300
aggaagtcat	attgtctct					319

<210> 1788
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 1788						
cttcctttga	aatgactttc	agtttccac	tgggatagat	tatatcaagt	ctgcttggtg	60
aatgccatgc	tggaaagcaa	aagtgtcctt	tcaaagtatg	gaatacactg	aataagataa	120
gccgcggatc	ccgcagtatg	aggtttttaa	tttattccaa	aagaagaaat	agaggggtac	180
atttacaagc	aaagtacagg	gccaggcacg	ggggctcaca	cctgtaatcc	cagcactttg	240
ggaggtcgcg	gcgggcggat	cacgaggaca	gatcaagacc	atccctgctt	actcagaaaa	300
ctccgctct	actaaagata	cataaaccta	gcg			333

<210> 1789
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 1789						
attaaaataa	gaaaataatt	ctgatattat	attttactct	aatttttaaag	ccttttttca	60
tattaaagtgt	ttttgttgat	tcaaaattag	aaaatatatc	tatctctaata	acttaataacc	120
cattccctaa	catggcattt	gttcattcaa	ttgaaaacat	ttagcaaaat	gcctcttcga	180
catctatggg	atcattttaa	aaatgttttg	ggggacttaa	ttataattct	cctctaagct	240
tttgaagctt	agctaagact	attacctatt	ctcttgggtt	ttgctaccac	catgtgctag	300
tatgtgacag	atgttt					316

<210> 1790
 <211> 338
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 1790
 tatgtactac gggttgcgaca tgacgacaga cgggtgatgta tgtggacccc ccacctctca 60
 tcagcgtgga caggcatgcg ctatttgcca tcctcgttat gccctggcta taactaggat 120
 gcccaactct tcgcactcct attggacata gcaccgggtg gcctacattt tatcgatcag 180
 gatcgagagg aggtgaggga tgttcttata ggaagagagt aagtcaaact atctttctct 240
 gcaagtggta tgattgtata actatgaaat cccatagtct ccgccccaaa gatccatgag 300
 ctgatgaacc tcagcaaagt tttaggatac aaaatcan 338

<210> 1791
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 1791
 cagggctagc gagcctacct ctagaacctt cttgccaggg tcaacttctg agattgacag 60
 ttgtctttca tgttctagca tgaaagttat ctgggttggt tgctcttatt ctagctttgt 120
 ggggacttgt ataactctaat tttttgaata ggtaatacat tcacatgggt caaaatttaa 180
 aaaataacaa caaaaagggt atgctgagaa aagtctctct tactctcccg ttccctatct 240
 acccagcttc taccacctcc ctaaaagtat tagtttctta tacagtatat gtgactagaa 300
 tttctttata taaaaagaag caaatg 326

<210> 1792
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 1792
 gcagtggggg agaggccatg taagtacctg gggaagatcc aggcagaaca gtttgcacaa 60
 aggccctgag atgacacctc gcttggtgtg ctggagggca gtaaggggac cagagtggct 120
 ggagtggggt gaataagaaa gcagaaggcc gggcgtgggt gctcacgctc atgcctgtaa 180
 tcccagcact ttaagaggct gaggtggcg gatcacaagg tcaggagatt gagaccatcc 240
 tggc 244

<210> 1793
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 1793
 aaaaagatga cctaaaactg tccttatccc caggtgggtg gatatttcaac atagagaaca 60
 aacctaagca ttctacaaac tattataact gataagtgat attagcaaca tttaaaaatt 120
 aataattttac atctccactg gcaattacca attagagatt atgatagaat atgatagaaa 180
 aataattcca ttataaatag caaggaaaac tataaagaat ctatgtataa atgtaacaaa 240
 aatgtttaag acacatttgt tggaaaaatc acaaagtatt cataatatac ataatgaata 300
 aaacacatta ataaagaat aagtacaaag tccatg 336

<210> 1794

<211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(325)
 <223> n = A,T,C or G

<400> 1794
 tgacactcta ttatagtcta ggctgtttac atactacat cagggacgag gatgtctgac 60
 gtaagaaatt accacgaagt atttattccc agaaggcaaa gacctacca tgagtgggaa 120
 ctactgtacg cagtagcgaa aaaacattaa ggacacagaa tatacatata tgtctatatt 180
 tatatatatg cacacattta tacacacata catatatata aaacattccc tgtttttaa 240
 tatatgtatg tacatatata cacacatata tgtatgcgtg tgtgtatact gaaactatat 300
 ttgcataagn ttatatatta tatcc 325

<210> 1795
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1795
 gccaaagatcg agccactgca ctccagcctg agcaacagag taagactctg tctcaaaaaa 60
 attttccttt taaaggaaat aattatttat ttatttttga gatgagatct cactccgtcg 120
 cccaggtcgg tcttgaactc ctggcctcaa gcaatcctcc cacctcagcc tctcaaagtg 180
 ttttggtatta caggtgtgag ccactgctcc tggcaaacctc gtaatttttg gtagaacaat 240
 tggggtactt ctgatatgaa aacaaagctg ggccaacttc ttcacttcga tatagtcata 300
 tttatccaat tttcgttcat gctgtggg 328

<210> 1796
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 1796
 tactatatta taagagtaga caaaaagaga caaaaatctc tgctctcaaa gagcttaaata 60
 gctggtggga gctaagaagc agataaaaaa aggcgaaata atggttactt caatttagca 120
 tataccaagt gctaggtggt ctctgagta tctactaggt attacttaat ttaatcctcc 180
 caacaactcc atgaggaaag tattactatt gtgcatatgg ggaaactgag acacagagag 240
 attaagttac ctgctgaaga tcatgcagct cctgaaggca gaaccaagat ccaaactga 300
 tggctcttgg tcaaaagtcca tgggtctaatt aagagctaca cttcaggcca gg 352

<210> 1797
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 1797
 tatgttttct tccagatggt ttatagggtg ggtcttatat ctaggtcttt gattcacttt 60
 gagtttttat atataatggg agatcacatg ctgtttttga aaacgagtta aagtggtaaa 120
 caatcaggag tttaaaaata tgcattctatc tttggtttta ctgacaatca tgtgatattt 180
 tggtaaacat accatttaat agaaagaaaa caaactttaa cctctaataa ggctgatatt 240
 ctcaatattt actttaaaaa tgtgataagc ttagagttat tagaaaaggc ctttgacatt 300
 tttgttttta caaatcaact gctttcaata aagacttgaa taaatgaagc ctt 353

<210> 1798

<211> 362
 <212> DNA
 <213> Homo sapiens

<400> 1798
 tatgttaaaa tgctcttaca cagagcccag actttccaag ggttattctt tgtgtgagtg 60
 tgtgagtggt agtgtgcgtg tgtgttcaca aatagaggcc cagcacgctt atactacaaa 120
 gagagaggtt actcggggga atatactaac accggaaagg gttactaatt taaatgctga 180
 ggggtacagac ctacctcacc ttgtgaagcg cactatctct cgactgggca cggttacata 240
 cgtctgcagt tctagcactt tacgaggctc gagcctggtg gatcacgatg tcaggagttc 300
 gagaccagcc tgtgcaatat gggcaaaccg ccgtctctac tattcatact tatattagct 360
 gg 362

<210> 1799
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 1799
 aagattgttg tatcgccata tctatttcta ctttgtaaca gtagcttttt tttgccacgt 60
 ttaatgactg atcacaaagt gagataatta aatatatata tacacacaca catatatgca 120
 tatatgtgtg cgcttggtgtg tgtgcgtcta tatgatagat acttgccaca tgtttaatga 180
 ctgatacagaa agtgagattt taaaatatac atatatatac acatgtgtgt gctttgagag 240
 cgggtgtgtat atatatatga tagatactta gctgatcttc acaccacaac attaactctgc 300
 ccaccatgaa cagaagcact gctatcaagt atcagccttc ttgtataata acaggaaatt 360
 cagaacattg an 372

<210> 1800
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 1800
 gttgggttttg tttttacgat agtttatcac aatctgtcag tgtttttaaat gcatgtatct 60
 tttgatcccg cagtttctat aacattctct cttacggata taccatact tgtgggcaca 120
 tataccatat ttcattccaa ctaaaacact ctaaatagta caaagtgcta ttattttatg 180
 taccattaag aaaacaaaac ctaccgcttt aactatgaca cagtcctttc atatcactta 240
 gaattgcgtc ttatactcat taagaccgct ctagctg 278

<210> 1801
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 1801
 agacaagggt tcaccatggt ggccaggctg gtctccaact tctgggtcaa gtgatccacc 60
 cacctcaacc toccaaagtg ctgggtttac aggtgtgagc caccatgcc agccctacaa 120

ccaactgggtt	tttgacaaaag	gcaacagtaa	tacacagtgg	ggcaaggaca	ttctcttcag	180
taaatcgtgt	tgggaaaact	ggataaactg	cagaacaaaa	ttagaccctt	atctctcacc	240
atatacaaaa	atcatcttgg	gttataaaaa	aaacaggacc	tgaaactatg	aaactactag	300
gagaaacaag	aaaagctatg	tgacattgat	ctgcaccatg	atcttgtatc	tatgacn	357

<210> 1802

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1802

cccccttcac	ggctttgcac	aagtggcctt	ttataaaatt	accacttgct	gtttgccatt	60
ctgcctctga	gggactgaat	ttccaacccc	ccatgggatg	gtataaggag	atggggactt	120
tggggggtaa	ctaggtttat	aagaggccat	aaggggcttg	gcctagaggc	tcacacctgt	180
aatcccagca	ctttggggag	ccaacacagg	aggatcactt	gggcccagta	gctcaagacc	240
agcctgggta	acacaggagg	atcctgtctc	aaatcaaaat	aattaaattg	ttaaaaagat	300
aagaatatga	tagaacaggg	catgaagggtg	gggccccctg	gatggcctta	g	351

<210> 1803

<211> 410

<212> DNA

<213> Homo sapiens

<400> 1803

ggcacgaggt	cggcggaaaag	tttggtgcg	cgggttcccc	cgaagttcag	agtgaagaca	60
tttccacctg	gacacctgac	catgtgcctg	ccctgagcag	cgaggcccac	caggcatctc	120
tgttgtgggc	agcagggcca	ggtcctgggc	tgtggaccct	cggcagttgg	caggctccct	180
ctgcagtggg	gtctgggcct	cggccccacc	atgtcgagcc	tcggcgggtg	ctcccaggat	240
gccggcggca	gtagcagcag	cagcaccaat	ggcagcgggtg	gcagtggcag	cagtggccca	300
aaggcaggag	cagcagacaa	gagtgcagtg	gtggctgccg	cgcaccagc	ctcagtggca	360
gatgacacac	caccccccca	gcgtcggaac	aagagcggta	tcatacagtga		410

<210> 1804

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 1804

cgttgctgtc	ggcgatcctt	cccggcaact	ttttcgagaa	aaatgcccaa	attcaaggcg	60
gcccgtgggg	tgggggggtca	ggaaaaacat	gcgcccctgg	ccgatcagat	cctggctggg	120
aatgcggtgc	gggcgggggt	ccgggagaag	cggcgggggtc	gcgggacagg	agaagcggag	180
gaagagtatg	tggggccccc	gctgagccga	cggattttgc	agcaagcacg	gcagcaacag	240
gaggaaactcg	aggccgagca	tgggactggg	gacaagcccc	cggcgccgcg	ggaacgcacc	300
acgcggctgg	gtccaagaat	gcctcaggat	ggatcanatg	acgaggacga	ggagtggccc	360
accctggaga	aggctgccac	aatgacagca	gcgggccatc	atgcag		406

<210> 1805

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1805

gagcacacct	gcacacactg	gaacacacct	atgcacacct	gcacacacct	gcaacgctca	60
tcgtccctat	gtgacctgga	gcaagttatc	taacctcttg	gtgcctgagc	ttccttatct	120
gtaagggtgat	agtgatgatg	ccccccccc	gagagctgtc	atgagaatga	aatgagggtga	180
cgcccttaca	ggtgtgtaag	ggcgatacct	ggcacactgt	ggggccatct	gaggggttget	240
catcatcccc	catcccgga	gcttgccacc	gtgccaggt	gtgcagccca	cagacagctg	300
cagctgccat	ggtcacagga	gatacacaag				329

<210> 1806
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 1806						
aaatacaaca	gagaagctca	acagagccaa	aaattgtttc	tttgaaaata	ctagtaaaac	60
tgactaacct	ctgatgtgac	tgaccagtaa	caaattagtg	atgcaaaaat	aacctatgag	120
gaatgaaaag	aggaacctaa	ttacagatgc	cacagagatt	aaaaagatag	aagaatacaa	180
tgaactttat	gccaataaat	cttaaaagtt	agatgaaatg	aactcctgaa	aagaaaactt	240
aaactgtccc	aagtagaaac	agaaaacttt	gaatatctct	aaaactactt	cagaaaatga	300
atcagtagtt	aaaaatctac	c				321

<210> 1807
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 1807						
ggcacgagaa	gaactcttgc	tcacatcatc	taagagattg	cacctgctga	cctagagatt	60
ccggcctgtg	ctcctgtgct	gctgagcagg	gcaaccagta	gcaccatgtc	tgtgactggc	120
gggaagatgg	caccgtccct	caccagagg	atcctcagcc	acctgggcct	ggccagcaag	180
actgcagcgt	gggggaccct	gggcaccctc	aggaccttct	tgaacttcag	cgtggacaag	240
gatgcgcaga	ggctactgag	ggccattact	ggccaaggcg	tggaccgcag	tgccattgtg	300
gacgtgctga	ccaaccggag	cagagagcat	aggcagctca	tctcacgaaa	cttccaggag	360
cgcacccaac	aggacctgat	gaagtctcta	caggcagcg			399

<210> 1808
 <211> 129
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 1808						
gcttccggtg	ggcttggtac	tgatcgcncc	aggetctaca	gagtgacggt	ttaattcctg	60
ggtcctggag	ctacttctgt	ggttccatgt	ctggatctgt	atgttccagt	aagcgtactc	120
ggtaatctg						129

<210> 1809
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 1809						
cacctcaatt	aaaaagcaga	tactgctagt	ttggatgaaa	aagcaagata	caactatata	60
ctgcctataa	gaaatagact	ttaaataata	aaacacaaat	aggtacaata	agaatatgga	120

agaagatatt	ccatgttaac	aataaaagaa	agctgaggtg	gctatattac	tcaaagtaga	180
ctgcagtgc	aagaatatta	taaagaataa	aggtcattat	aatgataaaa	ggtcgatttt	240
atcattatgt	tctctgacta	caatgtaatt	aaattagaaa	tcaataacat	gagattatct	300
gaaaaatact	tggggaaaaa	atacacacgt	ctaagtaacc	catgggtcaa	ataagcaatc	360
aaaaggaaga	ttaggaaata	ttctgaa				387

<210> 1810

<211> 388

<212> DNA

<213> Homo sapiens

<400> 1810

cctctgaaac	ttgggttgcc	catccaaaga	gggggtgaca	atcctgtctt	gccaaagactg	60
ctgtgaggat	tcagcttata	agtcataaaa	tgtagtcggc	tggctgggca	cagtggctta	120
cacctataat	cccagcactt	tgggaggcca	aggcaggagg	atcactagag	cccaagagt	180
tgacaacatc	gtgtgccatg	gagagagacc	ccatctattc	aaaatacaaa	actatatgtg	240
cgcggggggg	cgtacctctg	gattcccatc	ctcgcgaggg	gctgacgcga	gctaattgtga	300
tcagcccggga	cggctaagcg	ttcaccgacg	cgagtatgcg	ccactgctta	tccctctgtg	360
caacagaaaa	cgactttttt	gaaagata				388

<210> 1811

<211> 345

<212> DNA

<213> Homo sapiens

<400> 1811

aaaaatccaa	gttcatttgg	gatcttgttt	acttatcatc	tagataaaaa	gtttgcaaac	60
tatagccaaa	gggcccacatc	ccacctgcca	cctgatttta	taaataaagt	tttactggag	120
cataactgca	cctatttgg	ttgttttgg	ttttgagtcg	gagtctcgct	gtgttgccca	180
ggctggagtg	cagtggcacg	atctcagctc	actgcaagct	ccgcctcttg	ggttcacacc	240
attctcctgc	ctcagcctcc	cgagtaggtg	ggactacagg	cgcccgccac	cacgcccggc	300
taattttttg	tatttttagt	aaaaatgggg	tttcaccgtg	ttagc		345

<210> 1812

<211> 283

<212> DNA

<213> Homo sapiens

<400> 1812

tttacctcat	tgggtatatt	tactcctagg	tatgggtggg	tttttcttgt	gcatgacgca	60
agtattaaat	taaacctctc	atgttatact	ttatcttatt	ccttacaata	gctcagacag	120
tagatcatct	ctgtttccac	tcaaatgcac	cagaagcctg	agtgtgtatt	ttattttatt	180
atttaaaaac	tgaatatcac	tctgttacct	atgctggagt	gtggaggggc	catcataaat	240
tattgcaacc	tttaacactt	agtcttaaag	gattctccca	cct		283

<210> 1813

<211> 331

<212> DNA

<213> Homo sapiens

<400> 1813

caaatatcct	cagtaaagta	ctggcaaaca	aaattcaaca	gcacattaaa	agattttatat	60
gccgtgatca	agagaaat	atccctgggt	tacaacagtg	gttcagcata	tataaatcag	120
ttaatgtgat	atatcacatt	cacagattaa	aagcaaaaaa	cacatatata	cctcaataga	180
tacagaaaaa	tattttttta	actcaacatc	cattaatgat	aaataatatt	taacaaaaata	240
ggtataaaaa	acttacctca	ataactaacat	aataattaat	agacaaaagaa	gcttgaaaac	300
tttttctcaa	ggaccagta	gaaaaaagg	a			331

<210> 1814
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 1814
 tttccgtttg ttgagacttg ttctatagca caaaatatag tctaatttgg aaaatgttct 60
 gtgtgcattt gaaaaggata cacatttgaa aaagacatgc tattgttgaa tagagtgtcc 120
 tatcattatc tgtaggtta agttgttgac aatgttattt cagggttctt tgtagatttg 180
 cttatttctc tttctagntc catttgtttt tgccatacat atttaaaatt ctgttattag 240
 tgattaattt tttaggactt ttatgtcctt ttgatgaaat gactcactgc ttattagtaa 300
 atgaccttcg tgaactcttg gtttcattct tggggg 335

<210> 1815
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 1815
 catttacata tacttgaaaa tcattgctat taatttctaa tttattttct ctttttgtca 60
 gataatacac ttcgtaggat ttgaaacctt ttccgtttgt tgagacttgt tctatagcac 120
 aaaatatagt ctaatttgga aaatgttctg tgtgcatttg aaaaggatac acatttgaaa 180
 aagacatgct attgttgaat agagtgtcct atcattatct gttagggttaa agcgctgaca 240
 atgttatttc agggttcttt gttagattagc ttatttctct ttctagctcc atttgctttt 300
 gccatacata tgtaaaattc tgatattaga g 331

<210> 1816
 <211> 322
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 1816
 tctatccagg tatccatcca tccatctctc cctccctcct tccctccctc catctctccc 60
 ttcattccatc catagctcta tcctatcacc catccatcta tccctttatc caatcatcca 120
 gccatccatc cctctatcca atcatctatc catccatcct tctatccaat catccatcca 180
 tctatccctt attcaccctc cctccatgca atcaaccatc tatccattcc catttatcta 240
 acaaatcatg catncacca cacacccaac attcaccatc tcattcaaca atccattcac 300
 ccattcacca ttacttaaca ga 322

<210> 1817
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 1817
 gtacacacac atgcatatac atatgtatgt gtgcgcatat gcatacacgt ccatacacgt 60

gtacatatat	gtgcatgtgt	gcgtgcatac	acacatgtac	atacatatgg	atacatacac	120
atgtatacat	atacatgcat	gcaggcacat	gtatacatgc	atacatacac	atgtatttaa	180
gccagagatt	gcacactggt	gccctaagag	ctggatattg	gccagatgt	gttttctttg	240
gtctacatta	aatttttttt	ttcctttttg	agacagaatc	ttgtcctgtc	acccaggc	298

<210> 1818
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 1818						
gggcaggtct	tttcctttct	cctccacttc	cctaccctc	caccgtccgg	gagccgccgc	60
caccgccgcc	gaggagtcag	gaagttcaag	atggccgccg	cggagaccca	gtcgctacgg	120
gagcagccag	agatggaaga	tgctaattct	gaaaagagta	taaatgaaga	aaatggagaa	180
gtatcagaag	accagtctca	aaataagcac	agtcgtcaca	aaaaaaagaa	gcataaacac	240
agaagtaaac	ataagaaaca	taaacattcc	tcagaagaag	acaaggataa	aaaacataaa	300
cataagcata	aacataagaa	acacaaaaga	aaagaggtta	ttgat		345

<210> 1819
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1819						
tgattttctca	ccctcccaaa	cacttacctt	atTTTTTct	ctatatctgc	atggTTTTgt	60
ttccttaata	tattccagga	aatttatTTT	tgggttggcc	tactggagaa	gttatgatga	120
atagaaaagt	gtgaagaaga	accttctatt	ctcctcacag	tatacggcaa	agagcgtgca	180
attgccccca	caatatcatt	gtggaaagg	catattactg	agactagcta	gtaacacatt	240
agcttacaga	attctcattc	ttacgctata	atattacctt	cctcatcaaa	cttacctgac	300
cgcattgctt	atggttggtg	attaagacat	aacacgctgg	tatttaccac		350

<210> 1820
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 1820						
cagcctccta	cagactttta	agtgccatga	gtctcaggca	attaaaacta	gaagtacttc	60
tacgtatgat	ctattaggct	ctaaaagact	acttctatat	tcatttggtc	caaagttcag	120
agtgacacat	actatccaag	agacagctaa	tggTTTTgt	tctggcacat	gacttggtca	180
tatctacaca	agttcacaaa	ttgaaaattc	ttaagagttt	ctggccaggc	acagcggctc	240
atgtctataa	ttccaacacc	ttgtgagga				269

<210> 1821
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 1821						
cgttgctgtc	gctgctttgt	agagaataga	atataggaaa	gcaagaatgg	aaacagagct	60
attaggaggc	tattggagaa	taatgcagat	gagagattat	tacactgtct	gaactaagga	120
ggtggcggtg	aagggtgtaga	gaagatggat	ttttttttta	acgggtccac	tgtctagagt	180
gcagtggcgt	gatcacagct	cactgcaacc	tagacctoct	gggctcaggc	gatcctccca	240
cctcagcatc	ctgagtagct	gggactatag	gcgcattgca	ccatgcctgg	ctaatttttc	300
gtattttttt	gtagagattg	ggtctctcca	cattgccccg	gctgctctcc	aacctctgag	360
ttcaagtgat	tcacctccct	tggctcccca				390

<210> 1822
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1822
 cacacctgta gtcccagcta ctcaggaggc tgggggtggga ggaacacttg agcctgcatt 60
 tcgaagcttt gcattgatgc tgcaccccag cctgggtgac agagcaagac ccggtctcaa 120
 aaagaaaaat aaaacactaa tcccttcctc agaagaggag gtaaaatcct tgagtgatgt 180
 ttactcttct tcatatccca taactcagat attatgatgc aaaattaata atacttaata 240
 ctatgacata aagttaatac atcttatgtt acattatgag ggaataaaaag agaaaagaaa 300
 atgaagatat ttgcttgata tacacacaca taaacatata aataacaaaa tgaggaaata 360
 ctcattggcaa tcatagtctt aggggtcca 388

<210> 1823
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 1823
 cagaagaagg attgattatg atacttactc agaattttcc aaaactgata aagtacatta 60
 gccaacagat tcaagaagct ctctgactct aagctgaata aaaataaaac cacttttagca 120
 aaaaatctaa ctctaagctg aacaaaaata aaaccactcc tagcaaaaac aaacaacaaa 180
 aacttcaaag aagcaacagt ataactgatt actgctcagc aaaaaatgat gcaaaccaaa 240
 agacaataag aagaaatctt taaaatactg taagaaaatt actgttcacc tagaatttta 300
 tacccaatta atatatcctt caaaactgaa tgcaaaatag agatgtattc agacaaaaac 360
 cag 363

<210> 1824
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1824
 tttctaaaag tactaaaaca gccttaaaaa taacaaggaa aacccaattt aaaattttta 60
 tacttattgt aaagctagaa taattgattc tgcattgggtt ggaaaaacaa gatataattca 120
 gcaatgaaac aggatagaaa atcaagtaat agacacgcat atatgtgggtc aatcgatgtt 180
 caacaaaact gccacggcaa ttcagtagaa gaaaagcaat ctottcaaga tacgttgctg 240
 gaacaattgg agagccatct acaaatgaac ttcaatcttt atctacctca acaagaaaca 300
 cagaatagat gagaaaacaa atgtggggagc taaaaatgta aatattctag aagta 355

<210> 1825
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 1825
 cgttgctgtc ggcgtctacc acggcctgcc cgccagccac atggagctgg cccaggagct 60
 catggagact tgttaccaga tgaaccggca gatggagacg gggctgagtc ccgagatcgt 120
 gcacttcaac ctttaccccc agccggggccg tcgggacgtg gaggtcaagc cagcagacag 180
 gcacaacctg ctgcggccag agaccgtgga gagcctgttc tacctgtacc gcgtcacagg 240
 ggaccgcaaa taccaggact ggggctggga gattctgcag agcttcagcc gattcacacg 300
 ggtcccctcg ggtggctatt cttccatcaa caatgtccag gatcctcaga agcccagacc 360
 tagggacaag atggagagct tcttcctg 388

<210> 1826
 <211> 354

<212> DNA
<213> Homo sapiens

<400> 1826
ctccctgcaa actcaacctc ccaggctcag gtgattctcc cacatctagc ttaatgtatt 60
aatgatgtaa tagacaatta ctggccaggg gcggtggcca gagcgagact ccatctcaaa 120
aaagaaaaga aaagaaaaga aaattactgg cggcaagcag gaacattgta gattttgaaa 180
ctgtcttggt ttacaagata ctgaagcaag gtggtgcaat tattacgtcc ttctaaagct 240
gatcggataa aggctttaat tttgtaattt tcagagaata ttaccaatgt agcaagattt 300
accaataacc aatggttgct tgaagacaaa agaggttggt ggaacttgct taat 354

<210> 1827
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 1827
aatggggggc tgaagatag taatttctta tgtcctaagc taggggggtat gcatatggga 60
gttcgtttta ttgccattct gtatgactca cacatgtcag aaatattctt tggctcttgta 120
ttttaaaata caagtggggc aggtgtggtg gtcacacct gtaatcccag cactttggga 180
ggccgagtc aagcgatcat ctgaggtcag gagttcaaga ccagcctggc caacatggtg 240
aaaccccgct tctactaaaa atagaaaaat tagctgggtg tgggtggcaca cacctgtaac 300
cccttgngag actgagggag gagaatccct tgaaccagg ag 342

<210> 1828
<211> 373
<212> DNA
<213> Homo sapiens

<400> 1828
actacgggtg cgagatgacg acagacaggg atactgtggc actgacctca accctggggg 60
acagagtaag actctgtctc tgtcaatatt gtgatgctat tgcttttttt gtaactttta 120
taccgctgag aacacagaga gactgogacg tatagacct actaagggtt ttttgtctgg 180
ggagcgtgtg ggggagtaga agtaaaacttt taaaaattca agatagaatc gtgatgagca 240
agcctcatgc acatgcatga ggatggctac taccaaaaag gcagaagata acaagtgttg 300
gtgaggaagc agagaaactg gaactctcat gcagtggggg tgagaaggta atatagtgca 360
gccgcggctg ggt 373

<210> 1829
<211> 350
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 1829
tattactgct ttcttttgtg ttaaatagga tttttctaata gtactatttt aattcctgtg 60
tagtttcttt tgctatctat tttttagga ctattaatac taaatttata ataacctagt 120
ttaatgtcta cttaatctca atattttgta aaaactttgc tcttatacag tcccatattcc 180

tcttctttta	tttatctatt	ggtgctgtgc	aaattgtatc	tttatacaca	gtatgcccat	240
cagcacggat	ttataattat	tgtctttttt	ataccattgt	cttttanatc	aaacaggaaa	300
aatattagaa	acaaaaaatt	catctatact	ggcttttata	tctacttatg		350

<210> 1830
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 1830	
tacggctcca	aaaaaacaac aaagggtacc gcttgcaaaa tactacaaaa gggttccgct 60
gcaaaaatac	tacagaaggg taccgctgcg agaatactac agaagggttc ggctggggga 120
atactacata	agggttccgt tgcgagaaaa tctataaaaag ggtccggctg ggagaaaact 180
acagaagggt	acccgctgcc gaaaagacct cataaagggt tctcgctgtt agataaattg 240

<210> 1831
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 1831	
tacgggtgcg	ataagacgac tgaagggtac ggttgctata tgacgacata tggggagcca 60
gtttctatgt	ctttggaagt gtcgtgtagg tggatcatctc tgcttatctc cgccttctct 120
taacgtccgg	c 131

<210> 1832
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1832	
taccgctgtg	agaacactac tgaagggtcc ggctgcgata cgactacaga agggcaccct 60
gatcactact	gctggcatcc acgcctgcc aacacaggct tggggacatg tccaccttgc 120
ccaccttgcc	cactgccacc accactggtg cccaacgact atctggtcta gagttttcat 180
gcctagcaaa	gcctcaaaca gtcttcagta acaaacacag gctaagccaa tgagaaactc 240
atagatacca	ctgacactag ttatagctac ctaaatactt cagaggctac actactgccc 300
taccctgtat	caccacccaaa gcctcctacc 330

<210> 1833
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 1833	
gattgcataa	gctaaggagt ttgagaccag cctgggcaat atggcaaaac cccatctcta 60
caaaacatac	aaaaattagc caggtatggc agctcgcacc tgtagtccca gctacttggg 120
gggcagaggc	gagaggatca cctgagactg ggagggttag gcagcagtga gttgagatca 180
tgctactgta	ctccagcctg ggcaacaaag tgagaccccg tttctttttt ttttttgaaa 240
acaaagcttg	gttttgacac caagctgggc gtccagggcc ccaatttgtg ttaatggaag 300
gcttggcttc	caagggtcac accatttttt gggtaaagcc tccaaaagaa cttggaacat 360
aaaagccccc	cct 373

<210> 1834
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1834
ggcacgaggt aatcccagct actcgggagg ctgaggcagg agaattgctt gaacctggga 60
ggtagagggt gcagtagccg agattgcgcc attgcactct agcttgggaa acaagagtga 120
cactccatct caaaaaaaaa aaaaaaaaaag ggggtccttt ggaattttta aaaaaaaaaa 180
aaaagggggg gggggaaggg aaaaagggat caaaaagggc caaaaaaaaa gggggaggga 240
ttttgggggc caaatgtgaa aaaggggggt ttcccctttt gaaaagggcc atttttttta 300
acgggtgaaa gtttccaaaa aggccggggg ggaaaaaaa ggggggttaa ttttttccc 360
aaattgggaa aagaccctt tgttttttt cca 393

<210> 1835
<211> 376
<212> DNA
<213> Homo sapiens

<400> 1835
cacctcaatt aaaaagcaga tactgctagt ttggatgaaa aagcaagata caactatata 60
ctgcctataa gaaatagact ttaaatataa aaacacaaat aggtacaata agaatatgga 120
agaagatatt ccatgttaac aataaaagaa agctgagggt gctatattac tcaaagtaga 180
ctgcagtgc aagaatatta taaagaataa aggtcattat aatgataaaa ggtcgatttt 240
atcattatgt tctctgacta caatgtaatt aaattagaaa tcaataacat gagattatct 300
gaaaaatact tggggaaaaa atacacacgt ctaagtaacc catgggtcaa ataagcaatc 360
aaaaggaaga ttagga 376

<210> 1836
<211> 294
<212> DNA
<213> Homo sapiens

<400> 1836
gcgatgtcta aaaccaaata gggaaaatat aaaaccaggc tgggcaagggt ggctcatgcc 60
tgtacaatgc ttggcacaat gcctggcaca tggaggccaa ggtgggaggc tcacttgaga 120
ccatcctgga caacgaagtg agaccctgtg tcaaaagaaa aaaacagagg gagagagaga 180
gcgcgaaaaac tacaaacgag aggtgacaat cttccggggg ggcttatttt gaaaaatttt 240
tccgcctgtt tctcacttaa aaaaaaaagg gccacacttc taagaaaaag gggg 294

<210> 1837
<211> 345
<212> DNA
<213> Homo sapiens

<400> 1837
ctggccaaca tggagaaaac cccatctcta ctaaaaatac aaaaattagc tgggcgtgca 60
cctgtaatcc cagctactcg ggaggctgag gcaggagaat cgcttaaacc caggaggcgg 120
aggttgcagt gagccgagat catgccactg cactccagcc tgggtgacag agtgagaccc 180
cgtctcaaaa caaaccaaca aaaaacagag ccagggtgtg tgggtgtcac ctggaacata 240
acttctcaca acgctgccgt ggggaagact cttgaacctc caggagcgcg aggaacactc 300
tggtcatacc aaccgagggt tcaaatttca aaggcatttc tattc 345

<210> 1838
<211> 262
<212> DNA
<213> Homo sapiens

<400> 1838
tgggcatggg ggcaaacgcc tgtaatccca gctactgggg aggctgaggc aggagaattg 60
cttcaaccgg ggaggcagag gttgcagtga gctgagatcg cgccattaca ctccagcctg 120
ggcaacaaga gtgaaactcc ctctcaaaac aacaaaaaca aaatatctat ggtgcatgta 180

ccaagccagt aacattgtgc ccaacaccaa ctctatgcag catccttcca tgaaccact 240
gtattgaaac tgtcatcttg gg 262

<210> 1839
<211> 298
<212> DNA
<213> Homo sapiens

<400> 1839
aactgttgta tttttaatag acaatttcac gacgttggcg aggctggtct tgaacccctg 60
acctcaggtg atccacccgc ctacagctct caaagcgctg ggacaggcgt gagacaccgt 120
gctgggacag tagtaacttc taatggataa tgtatgcgtg gggtggaag gggagtacca 180
gtatTTTTTat ttcaaacaca tatacaaaac accagcttgc aattcaccct gaagaaccct 240
cagcacagag cagtttcata agtccatgcc atcgtgccat atgccttctt cactggcc 298

<210> 1840
<211> 324
<212> DNA
<213> Homo sapiens

<400> 1840
ataacctcta tgcatacttc tttttagctg aagtatgccca ggctgtctc taacatatta 60
tgcataattg tgataccatt aagtagagag ggtttttaaa taataatctg actcaaaaga 120
aaaagacaaa attgaatata atgaactcca aggagataca ggaattgtac agattgctta 180
gagtataaga aacttgctta agtatgtgaa acttgattgt gattagaaaa aaaaatttat 240
ttaatcctgt tgttcctagt tattcaacat ttggacgcca taaaagaaaa aatgggctgg 300
gcacagtggc tcacacctgt aatc 324

<210> 1841
<211> 129
<212> DNA
<213> Homo sapiens

<400> 1841
taccgctgcg ataagacgac acatggctgc ggttgcgagt actcaacaga ctgggacggg 60
tgggagacct cgacacaggg gtgcggctgt gagaagaccc aagatagtgc cgctgcacat 120
aagactacg 129

<210> 1842
<211> 249
<212> DNA
<213> Homo sapiens

<400> 1842
tggtatccac aggaggtcct gtaagcaatt tcctgtggat acttagggat gactgtacat 60
ggttataaaa ggaaattgat cagagttaaa gagagattta gtgagctgaa gaaagtcagt 120
agaaaaatc tagactgaag catgcaaca aaatatatgg aaagtacaga aaatagcatt 180
agagatgtac agaaccttat gcaaagggtg aatatgaagg aacctggaga tccccaaggg 240
agagagaat 249

<210> 1843
<211> 344
<212> DNA
<213> Homo sapiens

<400> 1843
caaaccacca ccactaagta aacaaaaaca tgcatgatca actggaaaaa aaatgcaact 60

catagcaaag	actatacata	aagagctttc	agaataaaga	agaaaaagac	caacaacata	120
gtgggaaaat	gtctgaaatt	caaaacacac	tccacataaa	aataaacaca	aaatgacatt	180
taaatacatg	aaaatatgat	caaccttact	tataataaca	gaaatataaa	taaagctat	240
aacaaaatac	catttctcac	ctaccagcaa	aaatccaaaa	ggttgacaac	agattccatg	300
ggtgatgttc	tagggaaaca	ggcactttca	catactgctt	gcac		344

<210> 1844

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1844

tcaccatggt	ggccgggctc	gtcttgaact	cctgacctca	agtgatctgc	ctgcctcagc	60
ctcccaaagt	gctggaatta	cagggatgag	ccaccaccct	cagcctgact	ttggccccctt	120
ttaatagtaa	aacaataggt	tttctggaaa	ctctgaaaca	gacttctggt	tatatatcat	180
tggctataat	catgtcaact	atgaccaccc	ccaactttat	gtttgattta	cggcacattg	240
gccaaaataa	ctgaacataa	tcgcgttaca	tttaaaaaga	accacgggtg	gcactggcgg	300
gtcttagttg	taatcccaac	cctttgggag	gacaaaaccc	atgggtcact	tggggccagt	360

<210> 1845

<211> 359

<212> DNA

<213> Homo sapiens

<400> 1845

ttgcaggcag	actgtagccc	catttttagt	cctgtttgtt	tgacttaagg	ttcagtgagt	60
cttgtgtaac	agttgtcctt	cttgtcagct	gtctttcaac	tgtgcogttg	actgttgtct	120
ggttgtggga	ttagtgccat	catgaagact	ggctaattgt	tttgcattga	gtgcctcatt	180
cctgctacag	gaggaggtca	gaaaggtaaa	accaggccag	gtgtggtggc	tcacgcctat	240
aaccccaaca	ctttggggagg	ctgaggcagg	agaatcactt	gaggtcgggt	ttgagatcac	300
cctgggcaac	atagtggagc	cttgtcttcc	ctcccaccaa	aaatagggtga	gagtgcgct	359

<210> 1846

<211> 357

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 1846

ctacggctgc	cagaagacga	ctgaagggca	gctaacatca	tacttagtgg	tgagaaactg	60
cctttcttct	aagacagaga	ataaggcaaa	gataaccctt	ctcaccactc	ctattcagca	120
ctgtactgga	agctctagtt	gccgccctaa	gacacgataa	ggaacaaaaa	gatgtacaga	180
ttgcgaagga	agaaataaaa	ctgtctttgt	ttgcagatga	catgactgtc	taaagaaccc	240
tgaaacaatg	aagtgactat	agcaaagtta	caggatacaa	ggttattata	cacagccaat	300
tggattccaa	aatgccagcc	accaccagcc	agaatttata	atcaaaaaga	tactatn	357

<210> 1847

<211> 162

<212> DNA

<213> Homo sapiens

<400> 1847

taccgctccc	agaagtcgac	cgaagggtgt	ggatgtttgt	agggatgtat	atttgggtatt	60
------------	------------	------------	------------	------------	-------------	----

gtggcaaggt acacataaca ttaaatatgc tatctgaaac tgtgtaagcg tatagttcag	120
tagcatcaag tacattcggt ctggtgtgca atcataacca cc	162

<210> 1848

<211> 337

<212> DNA

<213> Homo sapiens

<400> 1848

gcccagggtgg agtacaatca ggcataaagt ctccctgaatg aggggcaaaa ggagagactt	60
cgggagcagg aggagaggct tcaggagcag caggagaggc ttcgggagca ggaggagagg	120
cttcagcagc tggccgagcc acagaacagc ttctaggagc tgggtgcgttg ccccagctgg	180
ggagcctgcc ctccctcccta gccctccagg cctttgtttc cccacctata aaatgtggca	240
gagtagccct caagtgaat gttactccta aaggcacctg tgagccagag acctgctctg	300
gtggctgtgg gagacagggg aagacttttc taacctg	337

<210> 1849

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1849

ggttcttaga atgtatcccc catggataaa gggggactac tgcacttggt cttttgcagt	60
cattcacaga catgcacaga gtggcaaaaa atttaaatca ccctacatgt actttctggg	120
tgaggtcaaa gtttcactct gtcttctcat ttcagctctt atgctataaa caagtatcct	180
tttccacagt ctatttagag tcattttttt ttttgcattt ttgcgctttt tgtggggaat	240
tttgctgttt aaaaaggccc ctaaccataa tgttcagttg ttacctaggg tccctaaagg	300
caagaaagct atgaagggcc ttactgagaa aatacctatg gaaaaagagg ttct	354

<210> 1850

<211> 324

<212> DNA

<213> Homo sapiens

<400> 1850

gctgggatta caggcatgag ccaccgcacc cggctgcttc caaattaatt tttgattatg	60
atcaaaagat tccaaagaat cgcttaagca taggagttca agaggctgca gtgggccaag	120
atcacaccac tgcactccag cctggggaca gagcaatacc ctgtctctaa aaaacaagaa	180
gattcctaca gagcatgaag tcaagcaagc ataacaaatt ggagaagctc aataacagca	240
aagtggggcc agccatccat atacattcat ttgctatgag gatgtctcag ccatagggac	300
cagacacacg agtcttccaa cagg	324

<210> 1851

<211> 364

<212> DNA

<213> Homo sapiens

<400> 1851

gggggccttc actccctgga gttccaaccg cagccatcct tgtccccaca acttctgcag	60
tgtcccaggg cttgcctcac tctaactcag cccactcaca cttatcacgt gacttcatcc	120
taaacaacaa taaccttgaa atctggaatc tgtcttggtc atgttcttac aaactcatgc	180
tgaaataaat gacagcagcc caggctggct gcagaggctc acacctgtaa tcccagcact	240
ttgagaggcc aaggcaggag gagttcaaga acacctatg cgagatccca tctctacaaa	300
aataaaaaat tagctggggc cgggcgcagt ggctcaggcc tgcaatccca agcactttgg	360
gagg	364

<210> 1852

<211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1852
 tattcccatt ttacagataa gaatcctgag gcttagagag ttcaagtgac ctacccaagg 60
 gcacatcact gataaagggc agagggtgga ttcaaaccce catctgtcag gtgcaagtgc 120
 aaggctcctt ctctcatgc tctactgcctg ctggggaata gggcactggg gacatacccc 180
 agggagccct tctctcatgtt ctgagtccca gttcatccca tgctgctatt ttgctctccc 240
 aggagcatct ggactcccta gacagagccc cagcttctca cctgtccctc tctaaatgct 300
 gctctgcagg cctgtgatcc tgga 324

<210> 1853
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1853
 ctaccctgcc ctgtctctaa acttttatta ttatccctac agaattgcat tcaaccttcg 60
 ctcaaggcgg ggtgtggtgg atcacacctg tgatttcaac actctgtgag cctgaggcgg 120
 aaggattgcc tgatgtcctg attctcactg tctgctggac aatatagcaa tactccctgt 180
 gtcccagaag cccttcctca tgatctgagt ccccggtcat cccatgcttt tattttgctc 240
 tgccggggagc atctcgactg cctaaacaga gcccacaact tctcacctgt ccctctctaa 300
 atgctgctct gcaagcctga gatcctgg 328

<210> 1854
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 1854
 gcttggtccc ctgcatcctc caccctcccg gttcaagcag atctctgctt cagcctcccg 60
 aatagctggg attacaggcg cctgccaccg tgccctggcta attttttgta tttttttag 120
 agacaggctt tcacctctt ggccaggctg gttttgaact cctgacctca taatacacc 180
 accttggtcc tccatagagc tggaagaca ggctgacacc actgactctt gccaaaaaat 240
 attcacttat cagcgcttaa tgccatgcgg ctgttaatcc agctattctt gaggatttag 300
 taccgggatt gcattgagcc caccggggtt agagctgatt aaccttgaca taatatcatg 360
 gctctctaag gggggg 375

<210> 1855
 <211> 346
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 1855
 cccaaagtgc tgagattaca agcgtgagcc actgtgcttg gccttttttg ttttgatctt 60
 tgtttttgtg agaccctctc agtccgttac ccaggctgga gtgcagaggc acaaccatga 120
 ccatagctta cctatgggct cctaagctca agagatgctc ctgccttagc cacctaccca 180
 ccaagtggct gggactacag gcatgcgcca cactcctgg ataatttttag catttttttg 240
 tggaaaagga gctgcatggt caggagcata ggctaaggcc tggcacccca acgcttttga 300
 aggccaaggc agatagatca cctgaggtca ttagatgaag accaan 346

<210> 1856
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 1856
 tgacagaagg gtaactgatt actgctcagc aaaaaatgat gcagacccaaa agacaataag 60
 aagaaatctt taaaatactg taagaaaatt actgttcacc tagaatttta taccagtta 120
 atatatcctt caaaactgaa tgcaaaatag agatgtattc agacaaaaac caagaaaact 180
 ttgcaactagc agaccaaaca tgcacagaat gagaaactaa aggaaattct tcaagtagaa 240
 tgaaaataat gccaggtaaa acatgaaaat acaaaaggaa atgaacagtg acaaggataa 300
 atgaatactg agttttacaaa cagtgaatgt aatgtcctgt ggg 343

<210> 1857
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 1857
 aaggaacaaa agatatacaa gacaacagga aaacaacaaa atgggtggatg ttaagtcctc 60
 acttatcaat aataaccttg gctgtaaaca gactaaattc ccaactgaaa agatataagac 120
 tagctgaatg aattaaaaaa aaaaaaaaac ctagggtatat gctgcctaaa aaaaactctt 180
 ttcccctaaa aagacccttt tgaaataaaa atagggggagg gaaaaaaaat ccttccaatg 240
 ggaacccaaa agcaggggaa aatagctttc cttatttcag gtaaaggcaaa ctttaaacca 300
 aaaagaaaca gggttttttt catttcccca gaaaaatgta ccatttggtaa acatc 355

<210> 1858
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 1858
 ctgtaggaca atttaaaaag gtaaaatgta tgcataatag gaatccaaga cagaaaagaa 60
 agagagaagg aaacagaata cagatgctcc tccacttaag tccatcctga 120
 gtgaaaatac tgtcaggcaa aaaggcatag ctgactggaa gctgaggctt gctgctgccc 180
 agcatagcaa gagaagtatg gtttctactg aatgcatatt gcttttgcac cattgtaaag 240
 ctgaaaaatc attaaaatag tagtcgaaga aaaaatggct gaaaactttt caacatttac 300
 gacagacacc aaatg 315

<210> 1859
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 1859
 tttttaagtg tacgatgaaa ttcacctgtg aagctacatt tgtctagagt tttctctggg 60
 gagaagtgtt taaattatcg ctgagtttcg tatatagaat tctctctaatt tttatttctt 120
 tagcctgttt tggtaggtta ttgttttccc agcatttgtc catttaattct aagtttgoga 180
 atgtcttggc atcagattat tcacaatatc actttaccat tctaattgtct acagggggcat 240
 tcccttttta ttccttacat tattttcttg gtgccttctc cttttgtttc ttttgattag 300
 tctcaccagg 310

<210> 1860
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 1860
 cggttgctgtc gaacaactgc ctcaggatat actctttttta atcagttattg taactaacct 60
 tggcttatttt tactttttaga cttgggggttc tatttttgctt taaaacatgt acatcagttt 120
 tgtttttttgt tttgatcttt tcttttccttt tttttttttt ttttaaaaaa aagggatttc 180
 cctttgcccc ccattttttt aaaagtgggg ggggccccaa ttttgcccta actgcagcct 240
 tgacctttaa gcctaaggga accctcccc ctcaccctcc aatatagggg ggactatagg 300
 accccccccc caccgggggt aaatttttgt ttttcctgaa aaaccaaagt ttccccctgt 360
 ggtgaagctg ggattgaacc cccggggaca aaccaccccg 400

<210> 1861
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1861
 attccctatt agtatgacat ttacttttgg ttattagtag gtagtcatta acatgtttta 60
 gagtttccgc tattcctgtt ttatagtgtt attgctagaa gtggttcctg aattttataa 120
 aatgcctttt cagcatctat tgataaaatt gtatgatttt ttttctcttt aatttggtga 180
 tgtaatgaat tagaatggta ggcatttgat gtggaaccaa acttgtattt ctggaacaaa 240
 tactacttgg tcattgtgaa ataattgattt gctacatgag tggattttat ttaccagtat 300
 ttaattttaga attattgcat tctcattcca aagtacaatt ggattttggc cctctgatgc 360

<210> 1862
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 1862
 cacatacgca tacctaacac atgtgcacac acgatcctgt ccccatcttc ctctccctgg 60
 atcctccgag catgcacact gacacagttg cacacatgca tgattgtgca tacacacacg 120
 tattoacagg cacacatcca tacacaccta caagcacaga agcatgcaca caccacatgc 180
 atgcatactc acacaaaagt gcaagcatgc atataccact tatatacaca ggcacacacc 240
 cgtacacacc cacatgcaca catgctcgta cacaagtgca cacatgcata tgccatacaa 300
 ttgtgcgtgc acacacacac atatatatac gaatatccca tgcacccaca tgcacacatg 360
 ggtacg 366

<210> 1863
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1863
 ggcacgaggg cagtacatgt acgatgatta ggttgcagaa tacatcgatt gcatcagcaa 60
 tgtggcgcac gttgggcact gccaccctct cgtgggtccaa gcagcacatg agcagaacca 120
 ggtgctcaac accaacagcc ggtacctgca tgacaacatc gtggactatg cgcagaggct 180
 gtcagagacc ctgccggagc agctctgtgt gttctatttc ctgaattctg ggtcagaagc 240
 caatgacctg gccctgaggc tggctcgcca ctacacggga caccaggacg tgggtggtatt 300
 agatcatgcy tatcacggcc acctgagctc cctgattgac atcagtcctt acaagttccg 360
 caacctggat ggccagaagg agtgggtncg cggg 394

<210> 1864
 <211> 235

<212> DNA
<213> Homo sapiens

<400> 1864
agatggagag ggaaagcatt tggaagacag aaactgaata cacaaattgc aaatatttga 60
aatgaacaag aggtcatttc ctacaaatta taaatgttaa aatgataagg gactattatg 120
agcaaccata tgccaataaa tttgtcaatt tagctgtaat agaataatttg gccgggcgcg 180
gtggctcacg cctgtaatcc cagcactttg ggaggccgag gcgggcggat cacgg 235

<210> 1865
<211> 235
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 1865
acgacagaag ggaccgcgcc cggccgagag ttgactcttc agattcacaa ggtccacaga 60
gaaacactca gaggaaaaat caaaccaaac ctannaaaaa aaaaaaaaaa aaaaaaaggg 120
gggggggttt ttttcggaaa ccccaactgg gaaaaaacct ttgggggggtt gggggccacc 180
cccctttggg ggggggggaaa aaaagggtttt ttttgggaaa tttggggggc ttttt 235

<210> 1866
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1866
cggggattat aatattcaat caacgttatg aatgaaaagt gtattttgcc ttatactttc 60
aacacacaac ttactaacct aatatattca cttattaatc agataatttt gtgttaaaac 120
ttacaactct tattttcatt ggactttgat tgattaatta tacatttgac aaattaaaaat 180
ctcaaacatt tatgcactgt tcacaaactt aaactgtctt aaacatataa agacacaaaa 240
cttatatatac tagcaaattt aattctctga aatttttggt ttgttttggt gagacagggt 300
ottgctttgt caccagggcg 320

<210> 1867
<211> 229
<212> DNA
<213> Homo sapiens

<400> 1867
tacggccttt gcattttctg ttttctctgc ctggacgtgc tgtgcgcca tatactcact 60
tggttaccc tcttgctcc ttcagggtcac tgctcaagtg tcttcttacc agagatgcct 120
tccttgacta ctgtctataa aatagtaaag gcggccgggc gcggtggctc acgcctgtag 180
tcccagcact ttgggaggcc aaggcgggtg gatcacgagg tcaggaaat 229

<210> 1868
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(417)

<223> n = A,T,C or G

<400> 1868

gcctacgggt	ttcgttaaaa	cgacacaaaag	ggcgggatct	cggctcactg	caagctccgc	60
ctcccgggtt	cacgccattc	tactgcctca	gcctcccaag	tagctgggac	tacaggcgcc	120
cgccactacg	cccggctaata	tttttgtatt	tttagtagag	acgggggttc	accgttttag	180
ccgggatggg	ctcgatctcc	tgacctcgtg	atccgcccgc	ctcggcctcc	caaagagctg	240
ggattacagg	cgtgagccac	cacgcccggc	cggagtaatt	ttacaaaaga	gacttgtag	300
taactacctc	atccagggtta	tcaaattaac	atcaacagt	attaaagcca	ggatgataccc	360
tgtgcccggg	atattatgtg	atgagaatgg	cacatttcct	ttgagatctt	cctcccn	417

<210> 1869

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1869

ggctaacttt	tttgtatttt	tagtagagat	ggggtttcac	tgtgttagcc	aggatgggtct	60
cgatctcctg	accttgtgat	ccacctgcct	cggcctccca	aagtgtctggg	attacaggca	120
tgagccacca	cacccgacct	cccttacatt	cttaaaaaatt	atggagaacc	ccaaagacct	180
ttgctttatg	tgggttctat	ctattaatat	ttaccaaatt	aatatttaaag	ccgagagaaa	240
tttaagtatt	ttcttactaa	tttttaaaca	ataaatttta	atataatgaa	ccctttacaa	300
gctaaagtaa	gacggagtct	cgtctgtctg	cccaagctgg	aa		342

<210> 1870

<211> 353

<212> DNA

<213> Homo sapiens

<400> 1870

aatcttggct	cactgaaagc	totgtcctct	gggttcaagt	gattcacatg	cctcaacccc	60
ccgcgccttg	cctcaaggta	gctgggatta	cggcgcccca	acaccacacc	cagctaattt	120
ttgtattttt	agtacagatg	aggtctcacc	atgtcggta	tgtgtgtact	aaactcctga	180
actcatgcgt	ggaaactaat	ttaactttcc	tcttggtatga	cctttgggtt	tactaattat	240
attagcggca	tcatcacaaa	gctgttttta	tctttatgaa	aatttttagac	accatgtttc	300
tttaaaactcc	ttctacattg	gaggcatgag	gatacaatta	tccaaaaaat	ggt	353

<210> 1871

<211> 402

<212> DNA

<213> Homo sapiens

<400> 1871

cgttgctgtc	gttcaggggg	aaattgaaag	atatatat	tagtcgattt	ttcaaaagg	60
gaaaaaagtc	caggtcagca	taagtcattt	tgtgtatttc	actgaagtta	taaggctttt	120
ataaatgttc	tttgaagggg	aaaaggcaca	agccaatttt	tcctatgatc	aaaaaattct	180
ttctttcctc	tgagtgaag	ttatctatat	ctgaggctaa	agtttacctt	gctttaataa	240
ataatttgcc	acatcattgc	agaagaggta	tcctcatgct	ggggttaata	gaatatgtca	300
gtttatcact	tgctcgcttat	ttagctttta	aataaaaaatt	aataggcaaa	gcaatggaat	360
atttgaggtt	tcacctaaag	aacagcataa	cgaagcggga	aa		402

<210> 1872

<211> 324

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 1872
 gaagagagag aagagaatga gagagagaca gagaaggaga aagaaagaga ataaggggga 60
 gacagagaca gagagaggaa gaaagacaga gaaggaggaa gagagaggaa gagaggcggg 120
 aaggggggag agagaagaag agaagagag agagacagag agggaagaag gaagagaggg 180
 aggaagagag aggaagagag gcaggaagag ggggagagag aacaccgatg aaganaggaa 240
 taaaggaata gaggaaggga gaaagaaaga tctaggaaga gagaggagg aagactgaca 300
 atatgacagc atgggcaaga gagt 324

<210> 1873
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 1873
 cgccacgcta gttttttatg tttagtagag acagggtttc gccatgctgc ccagggtggg 60
 atcaaactcc tgagctcagg caatccacct gccttgacct ccccatagtg ctaggattgc 120
 aggcattgag tactgtgccc agcctactgc tctttcttct gtttacagag gaactgcagg 180
 tgctagggat acctggatga atgaaataga gccctgcccc acagtatttt gtggtctggg 240
 ggcaatgacc gacctgttac agaggcactt taatagagac tgctatgtgt caaagcacag 300
 ctgtgg 306

<210> 1874
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1874
 ggaatagctt cctatacccc caaagtccta ttcaggctctt ggggtacaca ctgcccagtg 60
 ggcctctttc ttatcatctc agttagaatc cttttctccc tctatatatt ttgcaacttt 120
 aacagttcag ttttttgcca atatattgaa catattttaaa gtatacaaat ttatcagttt 180
 tgatatctgt aaacatccca tgaaactatc actacaatca agaaaaacat attcttagcc 240
 aggtgtggta gctcacacag gtaatcccaa cactttatga gg 282

<210> 1875
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 1875
 gatgctatgt aagacaacca ttgcagagac acaaagtaat cagattcttg aagggtcaatg 60
 caaaagaaaa aaatatataa ggcagttaac gacaaggggc aggtcacata aagtggaaac 120
 tacatcaaac tcacagggga actctcagca atatcccaca gtcagaagac attaagaatc 180
 catattcagc atttttgaaa aaataaaatt ttgaaccaag aattttatgt cccaccaaac 240
 taagcttcat aaacaaggga gaaataaaat ccatttcaga taagcaaaag ctagggggaat 300
 ttatg 305

<210> 1876
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1876
 ttgaaaggat aaacaaaact gataaactgc tagtctaatac aagaaaaaaa aactccaata 60

aataaaatag	acaacaataa	agttacactg	caacttatac	aactgaaata	cagaagatca	120
taagggatta	ttatgagcaa	ctatatacta	acaaactgga	aacctagaag	aaatagataa	180
attcctggat	acatacaatc	taccaagatt	gaatcaggat	gaaacagtaa	atctgaaaag	240
accaataaag	agcagtaaga	ctgaataagt	aataaaacat	ctgccaaaca	agaaaagttg	300
aggacttaat	ggctccactg	ccaaattcta	tcaaattgggt	aaagaactaa	cccatatttc	360
cctaa						365

<210> 1877

<211> 146

<212> DNA

<213> Homo sapiens

<400> 1877

tgtcgcctgg	gagacgacga	ccgatggggc	tttgttggtg	agacaggggt	tctcattgcc	60
ctgggtgggc	tacatctcct	gatctctagc	taccacactg	ccttgggctc	cccaagggct	120
ggggattccc	gattgaggcc	caccgg				146

<210> 1878

<211> 329

<212> DNA

<213> Homo sapiens

<400> 1878

cagtctctac	taaaagacag	aaacaataca	ctgccaaaat	gttaagttga	ccaccgtgaa	60
acttctctat	tggagtgtct	gtttctttta	gctgtgaata	ctgaaattat	gccttgtctc	120
ctccccaccc	caggggggatg	ccgttttgca	gtgtggacac	gtgtttgaag	cagttactaa	180
actcgtcac	ctgggttaaga	aggagaacat	tgtcaatgtt	gttcaaggaa	ggtaggtggc	240
ttcatcttca	gctcaagaag	taattcaatg	ttaaaattgt	tattaaggcc	gaacgtggtg	300
gctcatgcct	ataatcccag	gactttggg				329

<210> 1879

<211> 406

<212> DNA

<213> Homo sapiens

<400> 1879

cgttgctgtc	ggaaggagag	aagcgatata	ttgatacata	ctatgggtat	taaaaagcca	60
atagaatatt	atgaataatt	ttatgctaatt	aaatttaaca	acttcaacat	cataaacaaa	120
ttccttgaaa	aataaaaaagt	acaaaaattc	attcaagaag	aaatagatac	cagcctgagc	180
aacatggcaa	aatcccatct	ctacaaaaca	tcaaaaaaaa	aaaaaattag	tgggccgggg	240
gggggcaccc	ctgaaatccc	actttgtctg	gaggttaaag	gggaaggata	acttgacccc	300
aggggggtaa	gggatgcggg	ggcccttggt	ctccccctgg	ccttttacct	tgggggaaaa	360
aaaagaaacc	cccgtcctaa	aaaaaaaaaa	aagtgaataa	tttgga		406

<210> 1880

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1880

gatcccatcg	attcgcattc	cgttgctgtc	ggagctcctt	atctgtctga	gaatggggac	60
cagctctgag	tggggttgct	gcctgtattc	cctgtttctc	aggaacttac	atgggtctgg	120
ggaggctagg	taggtgattg	tacgtgggtg	ctcttctcct	tggctggggg	aggtaatgag	180
cagatctctg	tgggtgtgga	gcttggtggg	gggatgtcta	ggaagcttca	gcttagccac	240
attcccaagt	ttaggtgcac	tgagccatat	agccaagtgt	atgcatgtgt	gggtgtgttc	300
atgcacacac	acactctctc	tcttgtctct	ctgtctctct	ctcactctta	ctttcttact	360
ctcttctcag	gtcacttgta	cacttggttt	cctagtagaa	gtcca		405

<210> 1881

<211> 348

<212> DNA

<213> Homo sapiens

<400> 1881

aggatgatcca	cccacctcag	cctcccaaag	tgctagaatt	acaggcctga	gccaccatgc	60
ctggcaattt	ggtttctttc	aaaatagagc	ctgagataag	aattttgggt	gcaggtagtt	120
tatttgggag	tgatcccag	gaagcagaag	tgagcagaca	gagagaatga	gataaggaag	180
gaacaacagc	agtataagaa	tgctttctag	aggattcttc	tgagggcact	gtgagttaaa	240
ttctgccata	atctcttaag	aaccacagag	aggccaggcg	tggtggctca	ctcctgtaat	300
cccagcactt	tgggaggccg	aggcaggcgg	atcacgaggt	caggagag		348

<210> 1882

<211> 378

<212> DNA

<213> Homo sapiens

<400> 1882

tactgctttt	agaaaacgac	agaaagggtcc	actaaggggcg	ggatccatcc	actaaccaac	60
ccacccatcc	attcatcaat	tgtccatcta	ctacttcatc	caccaatctc	tccatccatc	120
cgtcttccat	ccattcacct	acctatttat	caatctatga	accagctcat	ctaccactct	180
ctccaccagc	ctaccagata	ttaacatatt	aactaatcca	tccaaccatc	tatacttcca	240
tcattcatcc	accaacccat	ccataatcct	tccatccatc	caccatctat	acatttccag	300
ccacttaacc	accaatgaac	ccattcacta	atccattaaa	ctattcatct	atgtatccct	360
ccaccaaccc	acccatcc					378

<210> 1883

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1883

agactcccaa	gtagctggga	ctacaggcac	agtcaccatg	cccggctaata	ttttgtattt	60
ttagtagaga	cagagtttca	ccatggtggc	caggctgggc	tcttgacctc	gtgatccgcc	120
agcctcagcc	tcccaaagtg	ctgggattac	aggcgtgagc	caccgctcct	ggcctattgg	180
tattttgggg	ggccaaggct	tggtttttgtg	cccaagctgg	agtggagtgc	gacactctgt	240
gctcactgca	gcttccgccc	actgtgttta	agatggacct	tgcgcctcac	cctgcccagt	300
aactggagac	tatttttgca	ttgcaagcga	gaccactgta	t		341

<210> 1884

<211> 358

<212> DNA

<213> Homo sapiens

<400> 1884

cacatacaca	tacctcacac	atgtgcacac	acgaccctgt	cccatcttcc	ctctccctgg	60
ttcccccggtg	catgcacact	gacacagttg	cacacatgca	tgattgtgca	tacacacagc	120
tatccacagg	cacacatcca	tacacaccta	caagcacaga	agcatgcaca	caccacatgc	180
atgcatactc	acacaaaagt	gcacgcacgc	atataccact	tatatacaca	ggcacacacc	240
cgtacacacc	cacatgcaca	catgctcgta	cacaagtgc	cacatgcata	tgccatacaa	300
ttgtgcgtgc	acacacacac	atatatatata	aaatatccca	tgcacccaca	tgcacaca	358

<210> 1885

<211> 138

<212> DNA

<213> Homo sapiens

<400> 1885

ctgactggaa	ttaattaaac	taacctttct	ttgccttact	acgtgcttac	cacagtgaaa	60
gtaccctccc	tagccaggcg	gggtgactta	tgcttataat	cccatcactt	tgactgactg	120
aggcaggtga	atcacctg					138

<210> 1886

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1886

agttgtttct	tttatcaaag	agaggtgcta	gaggcctctg	caaaaaaatt	ttcattttatg	60
tctcacatgg	ccacaccttg	gtatagagaa	aactgggaaa	gccaatccag	tacttagctt	120
tccaggctct	atgatggcaa	ttgtcaagga	gaggggttaga	aatgtgtgtt	ggggcaggac	180
acggtggctc	atgtctgtaa	tcccagcgct	ttgggaggcc	aaggcaggtg	ggtcacctga	240
ggggaggagg	gtctcaatct	cttgacccta	tgatctgaca	ccttcggtct	cccaaagagc	300
taggactacg	ggcatgg					317

<210> 1887

<211> 81

<212> DNA

<213> Homo sapiens

<400> 1887

acgacagaag	ggtgcggtctg	ctagaatacg	accgaggggt	catcttttaa	tagcaagaat	60
catatttttt	ttccagtacc	c				81

<210> 1888

<211> 386

<212> DNA

<213> Homo sapiens

<400> 1888

gagcaagact	ccatctcata	gggaaaaaaaa	aaaaaaaaaa	gccgggcccg	gggacttaaa	60
ccttgaatcc	caggcttttg	ggagggcccg	ggggggggta	caaaaggcca	ggaattcaaa	120
accccccccg	tttttagggga	accccccttt	tttaaaaaaa	aacaaaaatt	aattggggggg	180
gggggggggc	ccctggaaac	ccaatttctt	gggggggttg	gggcaaaaaa	atcttttaaac	240
cccagggggg	gggggttcaa	gagcccaaaa	ttccccccat	tgtccccaat	tggggggaaa	300
aaacaaaaat	tttttttaaa	aaaaaaaaaa	aaaaaaaaacc	gggggggggg	cggtttaaca	360
aaaaaagaaa	attccccacg	gcccgg				386

<210> 1889

<211> 122

<212> DNA

<213> Homo sapiens

<400> 1889

atcaactgct	atgacggttc	acaatgtcag	tataccagaa	ggaatagaaa	actgatactg	60
ttttaataaa	tctgtcattg	tacctttttt	tttttgctga	actacattct	atgggacgtg	120
gg						122

<210> 1890

<211> 383

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 1890
 cggttgctgtc gaaggagaag aagatgatga tgatgatgaa gaggaggaag gattagaaga 60
 tattgacgaa gaaggggatg aggatgaagg tgaagaagat gaagatgatg atgaagggga 120
 ggaaggagag gaggatgaag gagaagatga ctaaatanaa cactgatgga ttccaacctt 180
 ccttttttta aatttttctc agtccctggg agcaagttgc agtctttttt tttttttccc 240
 ccttggtccc cccccccctt gttttggggg ccttttttct tcccccggtt cttcccattt 300
 tttggggggg aaactccttg ggccccaccc cctggggaaa aaacctctcc cccttttttg 360
 tcagaccca tctttttccc ccn 383

<210> 1891
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 1891
 ggagatgctt ttccttctgc atgttaactc acaactcatt cctaatacatg gtggctctaa 60
 tccaactgac taaaatgctt ttctcccaa ggaactaacg tagttacttg agagaagagt 120
 ttaatccagc ttctcctgag tggcaaaggg ttttttttca tcagagggta gctgacttca 180
 ataagggcat ttacaacatc ccaagggtt attttcattt aagaaatttg gccggggcgcg 240
 gtgggtcacg cctgtaatcc cagcactttg ggaggccgag gcgggtggat catgaggtca 300
 ggtgatcgag accatcctgg ctaacaaggt gaaat 335

<210> 1892
 <211> 337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 1892
 cggggacggc tccgagaaga ctacagatgg gaatagtatt ggtaaaaccg tgataaaatc 60
 aaattgtttt ctgatagaat atcactttac catgtaatca atttatgaat cttctcccta 120
 caacactatt taataattac tcttataaaa atatgctttg aagtatccaa acctaaagtt 180
 aaaaatgagtc atggaattgt aatggcaata gaaaaattac aatcacatta tcagcaaaaag 240
 ctgacagttt gactccctct ttaaccaatc ggatgtccag acagtaactg ctgtcttcaa 300
 gagactcacc taacacataa ggaatcacat aaacttn 337

<210> 1893
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 1893
 gaaactgagt ctgagagaga caaggtaact ggctaataag ttcgaacact gtttttccca 60
 agactatttg actcaaaata cagaggaagt ttggtgtgtg tgtgtgtgtg tgtgtgtgtg 120
 tgtgtgtgtg cgcgctttca tatttactat atagtagagc tcttttaaata actctctgag 180
 acagaatgaa aatatacacg tgttgggggt cgcgcagtgg ctcacgcaat tctccctct 240
 ctgtgggagg ccacgctggg tggatcacct ggggccgaga gtgagacacc actctggccc 300

312

<400>	1894						
aatgtaaaac	ataaaaaatat	aaaacttcca	gaaaacggca	caagagaaaa	tctagatgaa		60
tttggatttg	tcaatgactt	tttagatatg	gcacaaagg	caagatctag	gaaataaaaa		120
gttaataaaa	tggactttgt	taaaataaaa	actatatgct	acatgataga	cgtctagcga		180
atgaatagac	aaacacgggc	tgagagaaaa	tatttgtaaa	agatctactt	gataaaggac		240
tgttatgcaa	gtatataaag	aaccctaaaa	tctcaacagc	aaaaaaaaat	ctgattagaa		300
attgtatcag	agactttcac	aaacg					325

<div><400> 1895</div>							
cgttgctgtc	gggcaaaact	caacagcccc	tggagctgcg	cttggtggtgg	agctggaccc		60
tgattttagc	tggaccttgt	ttttagagac	agggtttcct	tctgcagtct	caatctccta		120
gccttgattg	atcctcctgc	cttggcctcc	caaagtgctg	ggactacagg	tgcatgcaac		180
cacacctggc	taatttttct	ctcttctttc	ttttcttttt	tttttttttg	agggaaactt		240
gtttgggggg	ccaagtgggg	agaaaaaggg	gccattctgg	tttattggaa	ccttggcccc		300
cgggggtaaa	acaatttttc	gggctaaacc	ccccaaggag	gtgggaaaaa	ggggggggcc		360
cacccgcccg	ggataatttt	tgaattttta	agag				394

<400>	1896						
cagaccatttc	gtgacatgct	tggacttttt	ggtttgttct	gaacatcttt	ctttcttata		60
caaccactca	ttttattctt	ggtctaaatt	taccatacaa	gattattttt	catacaaaat		120
tattttctcat	ttgggcatag	tggctcatgc	ctgtaatccc	agcactttgg	gaggctcaagg		180
ctagtatgtc	acctcaggtc	aggagttcga	gaccagcctg	gccaacatgg	caaaacccca		240
tctctacttt	aaatacaaaa	attagccggg	catggtggca	ggcacctatt	attccagcta		300
ctcaqqagqc	tgaggcagga	taatcacttg	aacctgctg				340

<400>	1897						
tcttcacctt	tgagacttca	aágataggcc	agatgtagga	acaaaacggc	tgattagaag		60
cagctgcagt	cgcagcact	cacaaagaga	aatgaaaagg	ggtgagtga	ttcagcacct		120
tcaatggaaa	tatccatgtt	cttgcatgg	gaataactag	gtgaacaact	tgacccatgg		180
aaaataaaga	aaaggagggg	ggtgacaaac	caccaggag	tggcacagag	cccaagggaac		240
caccacccca	agccaaggga	agtggtgagt	gatagtgtga	cccactctg	ttaccaatga		300
acaaqctaac	ctcatgatga	g					321

476

<212> DNA

<213> Homo sapiens

<400> 1898

gaaagttcag	catcacttat	tatttggcag	tgcctctcat	gcaatttaac	acatcaaata	60
aggctaatta	gtttaacttt	cctcttggtg	ccaggagaaa	aaattaattc	ttttgaccta	120
tttcatggg						129

<210> 1899

<211> 351

<212> DNA

<213> Homo sapiens

<400> 1899

ccagtgggtga	atgagacaga	cctattcctc	acctttgaga	cttcaaagat	aggccagatg	60
taggaacaaa	acggctgatt	agaagcagct	gcagtcgca	gcactcacia	agagaaatga	120
aaaggggtga	gtgaattcag	caccttcaat	ggaaatatcc	atgttcttgc	attgggaata	180
actaggtgaa	caacttgacc	catggaaaat	aaagaaaagg	aggggggtga	caaaccaccc	240
aggagtggca	cagagcccaa	ggaaccacca	ccccaagcca	aggggaagtgg	tgagtgatag	300
tgtgacccca	ctctgttaca	aagtaacaag	ctaacctcat	gatgacagga	g	351

<210> 1900

<211> 138

<212> DNA

<213> Homo sapiens

<400> 1900

ggaagattta	gcattttttt	tcattgcctc	ctcagtacct	aattctgtaa	atagaagttt	60
tttctgtgat	tttcttctaa	gagttttata	gttttagctc	ttaatgttta	ggtggttgat	120
cctcaaaagg	tattttatt					138

<210> 1901

<211> 334

<212> DNA

<213> Homo sapiens

<400> 1901

tatgcataag	acaaccatgg	tgcactgcag	ccactaactc	ctggcctcaa	gtgatcctca	60
cacctcagta	gtcccatagt	tgggactcta	gggtgtgcta	ccacacacga	cttaagattt	120
atatttttta	aaaaactgga	ggtataacta	tataaagtgc	aaaaatctta	catatacaac	180
ccaaattttag	acacatagaa	actatatgaa	tatatatgta	accattatca	atataaaata	240
ttttttaaatt	aaaatttaatt	caaaatatta	tattctaaca	cactgcctta	tggttagata	300
ccataaggca	tgtaaaaagt	tactacagat	aaag			334

<210> 1902

<211> 418

<212> DNA

<213> Homo sapiens

<400> 1902

cggtgctgtc	gaagaattag	aagagaatcc	agaaagcaca	gtctatgatg	attataaatt	60
tgtcaccaag	aaagaccttg	aaaattttagg	gtcaccocac	ctcattggat	ctcctttcct	120
ccggggcatat	atgcattggg	ttttcatgga	tataagactc	tatcacaagg	tgaaactgat	180
ggtaaatcca	tttgcttatg	aagaatatag	gaaagataaa	atacgacaga	aaatagaaga	240
aacacgtgca	cagagagtcc	agttaaagaa	attgccaaaa	gttaacaaag	agctggcact	300
taaattaatt	gaggagaag	aggagaagca	gaaatctaca	tggaataaag	aagttaagag	360
tcttcctaatt	attctcaccg	atgatcgatt	taaagttatg	tttgagaacc	ctgacttc	418

<210> 1903
 <211> 444
 <212> DNA
 <213> Homo sapiens

<400> 1903
 ggcaacgaggc cgcattggctt cggctctcctc tgcgaccttc tggggccacg gggctcggtc 60
 cctactgcag ttcttgcggc tggtagggca gctcaagaga gtcccacgaa ctggctgggt 120
 atacagaaat gtccagaggc cggagagcgt ttcagatcac atgtaccgga tggcagttat 180
 ggctatgggtg atcaaagatg accgtcttaa caaagaccga tgtgtacgcc tagccctggt 240
 tcatgatatg gcagaatgca tcgttgggga catagcacca gcagataaca tccccaaaga 300
 agaaaaacat aggcgagaag aggaagctat gaagcagata acccagctcc taccagagga 360
 cctcagaaag gagctctatg aactttggga agagtacgag acccaatcta gtgcagaagc 420
 caaatttgtg aagcagctag accg 444

<210> 1904
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 1904
 accatgttag gcaggatggt ctogaactcc tgaccttggt atccaccac ctcggcctcc 60
 caaagtgtcg ggattacggg cgtgagccac cgcgccggc ccctgacttc catccttaac 120
 aggagaagct acaaacacac attgtaaaag tgcattgaata taaggagaag tgaggcatgg 180
 tggccatctt tgccatctac cacattagta gaagagaaaa aataaaataa aataaaataa 240
 taaaaaactt gatggatcct taaactgtaa gaaagaagga ataaatgaac cacagaatga 300
 tgaaacaaat agaaaaacaa tagtaatatg gtagatgtca acccacatat atcagtaatt 360
 acattaaatg tagatggact aaagtcaaag a 391

<210> 1905
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1905
 ctcacgcctg taatcccagc actttgggag gccaaagggtg gcagatcact tgaggtcagg 60
 agttgagtcc agcctggcca acatgacgaa accccatctc taccaaaaaa taaaaaaatt 120
 agatgggctt ggtggcatgt gccttgtagt ctcacatact tgggaggctg aagtgggaga 180
 atcacttgag gccacaggaa gtgggggagt accactgcac tacagcctgg gggacagagt 240
 gaaacccaaa aataaataga caatgatgct cagccatgac tgtttcaaca cagacatatt 300
 tgctctttta agaaaaaaac cttcatgaa tattcatcct tttc 344

<210> 1906
 <211> 263
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(263)
 <223> n = A,T,C or G

<400> 1906
 tcaatatctt tagcoattag agaaatacaa attaaatgag atgccattcc acacctacta 60
 gaataaatac aattaaaaat actcatcatc ttttgtgttg gtgatgattt agaacaactg 120
 taattctcaa atactgatgg taggaaagta aaatgatata gccactctgg gaaaaaaaaa 180

atggactgtt	tcttacaaag	ttaaataagac	ccccatcatt	ttacctactt	attctactgt	240
tgctctttaa	gcagaaaaca	gan				263

<210> 1907
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 1907						
cacttaaaga	aatgagaaaa	agaattacaa	actaagccca	aaataagcat	ataaaggcaa	60
taataagact	agagtagaaa	taaataaaat	agagaattaa	aaaaaaaaaa	aaggcaaacc	120
gggaacgggg	ggaggggggt	aatttttgaa	ttcccaccat	tttgggaggc	caaggaaggc	180
ggacaacaag	gccccaaaaat	caaaaccttc	cttgccaaca	ggaagaaccc	ctttctttat	240
taaaaaaaaa	aaaataactt	ggccccgggg	gggcaggctt	gaagggccac	ttactcgggg	300
ggctgaaaca	gaaaatttgt	tggaacccaa	aagggggggg	tggagggggc	ctaattgggg	360
caatggag						368

<210> 1908
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 1908						
cgttgctgtc	gcctgttcaa	cctcagcaag	gttatattcc	tccaatggca	cagccaggac	60
tgccaccagt	accaggagca	ccaggaatgc	ctccaggcat	acctccatta	atgccagggtg	120
ttcctcctct	gatgccagga	atgccaccag	ttatgccagg	catgccacct	ggattgcatc	180
atcagagaaa	atacaccag	tcattttgcg	gtgaaaacat	aatgatgccca	atgggtggaa	240
tgatgccacc	tggaccagga	ataccacctc	tgatgcctgg	aatgccacca	ggtatgcccc	300
cacctgttcc	acgtcctgga	attcctccaa	tgactcaagc	acaggctgtt	tcagcgccag	360
gtattcttaa	tagaccacct	gcaccaacag	caactgtacc	tgccccac		408

<210> 1909
 <211> 311
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(311)
 <223> n = A,T,C or G

<400> 1909						
caacacgaga	agtaatgcag	gtactttaag	gagctaagag	ggaaacagaa	atctcagccc	60
tataacaagg	aactgtatga	gcatagaaac	attctcctcc	tccccagta	actttatcaa	120
aactcttaaa	aatttcccct	ctttggcaca	aacatatgga	cacctttctc	actccagagt	180
aaaggaatga	tgtactaaaa	tgaaggattt	ataccgggtg	gggtggctca	tgctgtaat	240
cactttgaga	ggctcagggtg	ggcggattgc	ttgagctcag	gagatcgatc	agcctgggca	300
acatggtgaa	n					311

<210> 1910
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 1910						
agataaaaaat	taaaacataa	aattaaaaaa	tttttgaaaa	cgatgttttc	agacatacaa	60
aactgaaagg	aatcatcacc	agtagacctg	cactacaaga	actgttaaag	gaaattcttc	120

aggcagaaaag	gtaattgtac	caaataaaaa	tatgatccca	caagagaaaag	aaagagcatc	180
caaatcggta	aagaggaagt	catactgtca	ctgtttgccg	atgatatgat	ctttgacaaa	240
gcaaacaaaa	acataaagtg	gggaaagcac	accctattca	acaaatgggtg	ctgggataat	300
tggcaagcca	catgtaggag	aatg				324

<210> 1911
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 1911						
gttgatggga	atgtgaaata	gacatcctat	ctaaagggca	tcttgagtat	atctaaatct	60
aaaacacacg	taccgtttga	cctaataatc	ccactttttt	ttttcttttg	agactgagtc	120
tcactctgtg	gcccaggcta	aagggcagca	gcttaatctc	ggctcactgc	aacctctgcc	180
tcctgggatc	aagagattct	ctgggcctca	accttccaag	gagctggaat	tacagaggcc	240
cgcctcccca	ccogactgat	ttttggatct	ttagtaaaca	ccttttggac	acctggaaat	300
ccaacgcaaa	cgtcatatat	ttatatccac	tctttcacia	aaacttttct	ttcttttttg	360
ttgg						364

<210> 1912
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 1912						
cgttgctgtc	ggggcattat	aagtaattaa	agatgattta	agtatatgga	aagatgtata	60
taggttatat	gcaagtactg	tgccattttta	tataaagcac	ttgaacatca	cagatttttg	120
tatcaatgag	gggtgctgaa	accaattgcc	catggatacc	aagagacagc	tatatttgtt	180
tcaatgtgta	cctctccttc	taaactcagt	tcttaagcat	atagtatctt	tatagctata	240
cacctagtgt	ctatcagacc	ctaaactatg	gtaggccctc	aatacatttt	attgttatag	300
gtagatagat	aggcatgagt	agggcaggag	agggctctcc	ctccaccac	tagaaatgtc	360
aagtgatgtt	ttaaaaattg	tg				382

<210> 1913
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 1913						
aaccaatgtt	tccaactgca	tcctgttata	aagagagagc	aaattttatt	aaacttatgt	60
aaataattct	tgccataaaa	aataagaata	ctcatggata	gtttctgaat	tttagaggaa	120
tcaaataggg	acaaaaaaaa	tgtttccacc	tttgttcaca	aagtatacca	aattactgta	180
aactaataag	tagcttaaga	gaaagaaaag	gtttccttaa	agctagaaaa	caaaatattt	240
aaataaagaa	cctggctagg	catgggtggc	catgcctgta	atcccagcac	tttgggaggc	300
cgaggtgagc	aatcacctg	aggctcaggg	ttcgagacca	gcctggccaa	c	351

<210> 1914
 <211> 394
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 1914

ttttgccttc	agaagcttcc	ctgaaaatca	cgaataggag	gcagataaat	agtagaaaag	60
gcatacaggt	ttctgcaatg	tgtgtacacc	ggagacgtta	gaactaagac	ccagacacac	120
gatgcgtgca	gaagcttata	taccacatga	agtttacaga	aagaatgggg	tcttggatca	180
cagggaaaaa	ataaagggtta	tgtgagaaaa	cgaccctggc	tagcaacagt	ggacttattg	240
cataggtgga	atctcactag	gagcagtcct	cagagagaat	aaacagaana	tgtttctttc	300
agacctttgg	agacctcaga	ctctcattta	agctttccta	gatccagaca	aaggggcaga	360
cctcagagaa	agcctggctg	catcaaggca	gatn			394

<210> 1915
 <211> 369
 <212> DNA
 <213> Homo sapiens

tacggctgct	agaagactac	agaagggtac	ggctgctaga	agaccacaga	agggaaatgat	60
attattagat	cactgaagca	gaaaatttagc	aaagatat	aggacctgaa	atcagcactg	120
aaatcagaca	gaaaacactc	ctcaacaaat	gcaaaaaaaa	aaaaaaaacc	ggaattttta	180
acaccctttt	taaaaccaca	ccccattcaa	tttaaaactc	aaaacggaca	agccctttta	240
aaatcttccc	tttaaaaaaa	tttggaaaaa	ctggctcctg	aaggacttgg	ggaaaatatg	300
gattttaagg	caaaatccaa	aaattttttt	gaatttatta	aaaataaggg	gccaaactta	360
caaaattttt						369

<210> 1916
 <211> 363
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

cggttgcata	ggcaaaggga	gattaaaaaa	caatctgctc	attgctcctg	agctattgga	60
attttctcct	taactaaggt	atgagctcct	ggagctctta	aatgtctatg	ccaaggctctc	120
aagccagaag	ccacagctac	aatcoggcct	ggagataggt	gtggntttga	cgtgcacact	180
gtacaaacaa	aacaatatcc	attgtttcaa	agatcagatt	tcacataaaa	atgtggatta	240
tcacaatttc	ttttctttgc	ttttaacttt	tagagacagg	cttgatatgt	tgctcacgct	300
gatcttgaaa	tcctgggctc	tagtgatcct	tctgctttat	cctcccaagc	aggtttggtt	360
tac						363

<210> 1917
 <211> 311
 <212> DNA
 <213> Homo sapiens

atacacatga	catttttttt	tctttttttt	ttttttgggg	ggggaatcct	ccttttgccc	60
ccaagctgga	gggaaagggg	cccaattcgg	tttaactcca	ggccccctt	ccgggtttta	120
cacatttttc	tggctaaacc	ctccaatgga	gcggaataaa	ggggcccccg	caccaacccc	180
aagatatttt	ttaaaaattt	taaaaaaaaa	aggggtttac	ccggtttaac	ccgggagggg	240
tagactctcg	gaaccaggga	attaccccc	ttggcccccc	aaaggggggg	gaatcacgga	300
ttagccccct	t					311

<210> 1918
 <211> 319
 <212> DNA

<213> Homo sapiens

<400> 1918

gaagacttac	ttaccctaag	tatatatgca	cccaacattg	gagctcccag	gtttataaaa	60
caattacttc	taaaccacagg	aagagactta	gtcacacaac	aacagtgagg	aacttcaata	120
ccccactgac	agcatttagac	agatcatcaa	gttataaaaac	taacaaagaa	attctggact	180
taaaaattga	acacttaacc	aataggacct	tataaatata	ttaagaatat	ttcaccctaa	240
caccacagaa	tataaaataa	tcttatctgc	acatgaaaac	gactctaaga	tcaaccacat	300
aatcattcat	aaaaaaggc					319

<210> 1919

<211> 405

<212> DNA

<213> Homo sapiens

<400> 1919

cggtgctgtc	ggaacagaat	agagagcccc	aaaataggct	tacatgaata	tggcccactc	60
tctctgacaa	aagaacatga	cagttcaagg	gaggaaggat	aatcttttca	gcaagtggcg	120
ctggaataat	gggacatcga	catgcaaaaa	aaaagaatct	agacccatcc	ttacccttta	180
acttaaaatg	ttaaaataga	ttcttttttc	cttcgacctt	gagcccttga	caaaatggat	240
cttaaaccta	aatgtaaaa	ccaaacacta	taaaactcct	agaagacaac	ataggagAAC	300
atctagggtg	ccttgagttt	ggtgatgagg	ttttagatac	acaaaaagca	taatccatga	360
aagaaataaa	ttggacttaa	atgaatttaa	aacttctgga	agcag		405

<210> 1920

<211> 366

<212> DNA

<213> Homo sapiens

<400> 1920

gagtgtttgc	agagacgtga	agccaaaact	aatagaactg	aggaaaaata	gacaaattca	60
caatacagtt	ggagccttca	gaacttctcc	ctcagtaata	aatagaagta	gacagaaaaa	120
tagcaaggat	atagatgaag	tgaacatcac	catcaaccaa	ctgaaatgct	atagagcctc	180
acacccccaa	acagcacaat	acacattctt	ttaaaccaca	gatggaacat	tcaccagcac	240
agaccatatt	ctgaatcaga	aaacttaaat	ttataagaat	tgaaagcatg	caaagtatga	300
tctgacaata	atgaaatcga	catagagaaa	tgctagggtc	tgaggatgtg	agaagataca	360
gtctat						366

<210> 1921

<211> 248

<212> DNA

<213> Homo sapiens

<400> 1921

aagataaaat	ttgaaatctg	gttaggctgg	tgtaggggtt	ctttgttttt	gggggtttgga	60
agagatgtgt	taaatgttat	gttttttaaa	tagtattttt	gattattttg	tttgcattgt	120
gttaatttag	tttaattttg	gtgcggctct	ggcatattgt	catttttttc	ttatggttct	180
atggaagact	tgcccathtt	tccaccgttt	gttggttaacg	ctctgggttg	tgttatccta	240
tgattcag						248

<210> 1922

<211> 354

<212> DNA

<213> Homo sapiens

<400> 1922

gtgggttggtt	aaaagggtat	tgtttcattt	tcacgtattt	gtgaatttgc	cagtatttct	60
-------------	------------	------------	------------	------------	------------	----

tctgttatta	atctctaggt	ttattccatt	gtaatcagaa	aaatgggttg	catgatttcg	120
gctttttaat	atgtattaag	acttggtttg	tagccaacat	atggcctatc	ctggagaatg	180
tttcatgtat	acttgaaaaa	aatttggtgt	tatacggagt	attctgttgg	ctctaattgg	240
ccttcaaacc	ctttgggttc	tgttgataat	atatctcagc	acactattca	taattggaag	300
tggtgtacta	aaatctccga	ctgtttatcc	tatgaaaaag	acactttcac	atgg	354

<210> 1923

<211> 347

<212> DNA

<213> Homo sapiens

<400> 1923

tgagtagcta	caaaagagac	cttatggcct	gcaaaggcta	acatatttac	tatctggccc	60
tgtacagaaa	aagtttactg	gccccctctc	taaggcatga	tttattattg	gatcgttccc	120
agcatggagc	acttcctgcc	cttgccctgct	tcagctcctc	ttcctaacac	tgctgtagaa	180
tagaggaac	tgagccatga	aaagactatt	tcaaagtctc	agagagagtg	ggattagagt	240
tccatagggc	ccctgagtct	gtgacattcc	cctcaagcct	ggggtgagat	gctggcgata	300
tccagccctt	agagaacaag	cgggtggaatg	gaagggagga	aatcat		347

<210> 1924

<211> 342

<212> DNA

<213> Homo sapiens

<400> 1924

tttgtgagtt	tttaatacaa	tatgtatgtc	attgttcttc	atctttattta	tgcctaaatg	60
cgtcttgtct	tcacacatag	aaaattttgt	cattgatattt	tttttcactt	tagtttagaa	120
gaaataaaat	tccttataag	aaattgttgg	ccagggtgtac	tggtcacgc	ctgtaatccc	180
agcacttttg	gaggctgaga	tgggaggatc	ctttgaactc	aggagttcaa	gaccagcctg	240
gataacatag	tgagatccct	tctctatcaa	aaatacaaaa	aattatccag	gtgtggtggg	300
acgtgcctgt	agtcccagct	gctcaagagg	cggaagtagg	ac		342

<210> 1925

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 1925

aggggctgga	ttgattgata	tatggaaatg	taatcacagt	tttccaggaa	cccaaattctt	60
tatctcccct	aggagcagcg	tttcagaatt	cacaaataaa	gtgcttgagg	tgactttata	120
gaacataact	attgcatata	acaagacctt	aatgcattcc	tttctaaatg	gaaatctaaa	180
cacagagttt	gaaaatttag	gtaacactaa	attccccttt	cttgacttcc	ataagtaacg	240
aagtatgagg	aaattataaa	aggtgtaaaa	gtgggttttg	cattgtgcta	ccaatgctaa	300
tggaagatg	acn					313

<210> 1926

<211> 360

<212> DNA

<213> Homo sapiens

<400> 1926

gtgggcaaaa	ggtggttagca	tttcccttga	gaatcagaag	aagacaatga	tgcccactct	60
------------	-------------	------------	------------	------------	------------	----

caccactcct	gtccaaaata	gtattggaac	cctagccaaa	gaaaccaggt	aagagaaaaga	120
aataaaaggc	atccaaagag	aagagaggaa	atcaaactat	ctctggttgc	agatgatatg	180
attctatacc	tagaaaatca	atcatctctg	tctgaaagcc	ccttgatctg	atttaaaaaa	240
aaaacttcag	cagaatttca	agatacaaaa	ataatgtaca	aaatcagtag	cattctcata	300
caccaacaac	atccaagctg	agagtcaaat	caataatgta	atcccattca	caatagccac	360

<210> 1927

<211> 316

<212> DNA

<213> Homo sapiens

<400> 1927

cagcacatga	aaggattata	caccatgata	aagtagaatt	tatctctagg	atgcatagat	60
atttcaacat	aatcaatcaa	tgtgactcac	tacattaaca	gacaacatga	taatcccaat	120
atattcgaaa	aaagtatttg	acaaaattcc	acataggctc	atgggtttaa	aaaaaatcct	180
tcaacaaaaa	agataaaagaa	caaacttact	gcaacacaat	aaagaccact	tatgaaaagc	240
tcacagccaa	catcataatc	agtgaggtaa	acgtttttcc	tctgagatct	agtacaagat	300
gatgttgccc	actctc					316

<210> 1928

<211> 361

<212> DNA

<213> Homo sapiens

<400> 1928

gagttggaga	agggggagcc	ctcatgaact	ggctgctatg	aatacaaaaat	gatgcccttg	60
ctgcagaaaa	caatttggtt	gttcctcaca	gaatgagcat	tgggtgaaaa	atgaaatcaa	120
gatggaaatg	taaaaaat	cttcgaactg	gatgacacaa	cctatcaaga	cctttgggat	180
acagcatagg	cactgctaag	agcaaaacttt	gtagtcctaa	aaacctacga	caaaaagtct	240
gaaagagcac	aaatagacaa	tctaagttca	cttctcaggg	aactagagaa	acaggaacaa	300
gccataccca	atcccatcat	acacaggaaa	tacccaagat	cagagccgaa	ctaaatgaaa	360
t						361

<210> 1929

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 1929

gccatcatat	gttctcattt	atttgtggga	tctaaaaatc	aaaacaattc	aactcatgga	60
gatagagagt	acaagatggg	taccagagac	tgggaagagt	agtggggaaa	ttgggggagg	120
tgtgggaggt	tttttntnt	tnttnttnt	ggttgacgag	aagaccttat	ggagcgttta	180
attattattg	caaggggtac	ctaaaaaccg	ataggggttt	aaggaacctg	cctgggggta	240
atattttcca	ttaggcgata	ttctgtgggg	aacccccact	tccgagcagt	catggcttta	300
attccccaat	gtaaggcgaa	cttctattcc	tttattgggtc	ggaaaaaatt	ggtcgacg	358

<210> 1930

<211> 338

<212> DNA

<213> Homo sapiens

<400> 1930

gttatgctat	atggcaaggg	agaattacag	ttgcagatgg	aattaatggt	gctaatacgt	60
tgaccataaa	atagggagac	cataatatgg	tcaataggag	tttaccataa	agctagggtt	120
tgtagttggg	agggaggggtg	tagtgtattc	agaaatatcc	tggccgggca	cggtgggtca	180
cacctgtaat	ctcagcactt	tgggaggcca	aggcaggcag	atcatgaggt	caagagttag	240
agaccagcct	gaccaacacg	gtaaaacccc	atctctacta	aaaatacata	agttagccag	300
gtgtgggtgt	gcacgcctgt	aatcccagct	actcagga			338

<210> 1931
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 1931						
agaatcgctt	gaacctggga	ggtggtggag	gttgtagtga	cccaggatca	tgccattgta	60
ctccagccta	ggtgacaaga	gcgaggctcc	atctcaaaaa	aaaaaaaaaa	aaaaaccaa	120
cccttttgct	tttggttggt	tttgaaaaaa	agtttaattt	tgtccccag	cctaaagggc	180
agggccggga	tgtggcctaa	ttgaaatttg	aactccgggc	ctaaggggat	ccaccacct	240
aacctccaa	aagggtctgg	tttatgggct	tgaccattg	acccagctg	gaaaccttta	300
actttttaat						310

<210> 1932
 <211> 342
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(342)
 <223> n = A,T,C or G

<400> 1932						
agagggcagg	gcttacaggg	ctgtcacccct	tattctccgc	tgagctggtt	taacacgtag	60
ccatccgcag	atggcagctt	ctaaaagagc	attaattgta	acagaccccc	agacactacc	120
atggggccag	agcccaaaag	tgctcacccc	agctcctaca	cctgccccctg	cccattctgcg	180
tgctctccct	cccataaggg	gttttgagcac	gtgtcggcca	agcaaacgag	cttcacccct	240
gtcacaagtc	ctgagaggag	tcagggaact	ctcccatttc	attctgacac	aggtgggact	300
cagcattctc	agaccttcaa	aggcctgttg	ggtggatgtg	gn		342

<210> 1933
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 1933						
atcaatgaag	gattgataaa	agttctcctg	gtgtctccgc	agagtgcctt	ccaggaacag	60
atctttgcat	agaatatcag	tggtttcctt	ttttgtttca	aatagtggtc	agaaaatacc	120
cagtgttgac	tcaccaaggc	aatcagcttc	ctttttccct	ttttttgttt	ttttttaaca	180
ttttatattt	ttgctttatt	ttattttatt	ttattttatt	ttattttatt	ttattttatt	240
ttttgagacg	gagttccact	ctgtcgccag	actggagtga	agn		283

<210> 1934
 <211> 383

<212> DNA
<213> Homo sapiens

<400> 1934
cggtgctgtc gcaaatttct tcttgetcag accatagtcc taattactta agaaaacccc 60
ttctaactgt gtggatcttt taacgtatgg tgcacatgag tgcattggaaa tgagagaacc 120
tgggtgacag agtgaggcac tgtctccaaa aaaaaaaggg aaaaaaaaaa aatttttttt 180
ggcttggatg aagggggggc taacctttta tccccaccct ttgggaaatt tgaggttggg 240
ggatcatttg acctcaggag ttggaaccca ccctgggcaa cacagggaaa cccattcttt 300
acaaaccttt aaaaaaaaaa gggccggggc ggggggttaa cccttgatt tccagccttt 360
gggaaggcca aggcggccgg ttt 383

<210> 1935
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 1935
tgtcaccagc ggactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60
cactcttgga aacacagaag agacatcaac agcaggaact gaaagttcta cccagtgac 120
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180
ctctatccaa gacacatcag cttcttctca gaacctctgg actcggagca cgcagaccac 240
cagggaaatct caaaccagca ccctaacaca cagaacctact tcaactcctt ctttctctcc 300
aagtgtacac aatgtgn 317

<210> 1936
<211> 320
<212> DNA
<213> Homo sapiens

<400> 1936
tgtcaccaac acactcatga tgacatcaaa gactataaca atgacaacct ccacagactc 60
cactcttgga aacacagaag agacatcaac agcaggaact gaaagttcta cccagtgac 120
ctcagcagtc tcaataacag ctggacagga aggacaatca cgaacaactt cctggaggac 180
ctctatccaa gacacatcag cttcttctca gaacctctgg actcggagca cgcagaccac 240
cagggaaatct caaaccagca ccctaacaca cagaacctact tcaactcctt ctttctctcc 300
aagtgtacac aatgtgacag 320

<210> 1937
<211> 386
<212> DNA
<213> Homo sapiens

<400> 1937
cggtgctgtc ggttaagctg totcagaaag aattgcttgg tccaccagag gcaaagagag 60
ccgaggggcc tgaggaagag gagattggga gccctgagcc catggcagct ccagcctctg 120
cctcccagaa actcagcccc ctacagaagc taagcagcat ggacccggcc atgctggagc 180
gcctcctcag cttggaccgt ctgcttgccct cccaggggag ccagggggcc cctctgttga 240
gtacccccaaa gcgagagcgg atggtgctaa tgaagacagt agaagagaag gacctagaga 300
ttgagaggct taagacgaag caaaaagaac tggaggccaa gatgttggcc cagaaggctg 360
aggaaaagga gaaccattgt cccaca 386

<210> 1938
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 1938
 gtctacatat acacatatgt ctatacttgt gtttggatat tgtctacatg gtaccaaatt 60
 gccgtaacaa taaatgagta atcaaaaatt aaataaataa gcccataat ttttcaagtt 120
 cttgtgactt gagtaaactt tttggtaaat atgagtagct taatatagtt ggtttaataa 180
 aaacaaatgt cttttgactt atcagcaaaa tatgcatgta tttaatgtta aggtgattgc 240
 ttttatgata ctttagataac atatgataat attaatagca aaatggttta tacaaaattt 300
 aagctgagat gatggctaga tttgtctaac ggctcatgaa atttttcca 349

<210> 1939
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 1939
 gaataactcgt gaataaaactt tgcaaaaacta tttgtaaagt actataagga attctgagaa 60
 gttactataa gatagaaaag aatataggag catgcccaag ccatatataat gatgtttcac 120
 gtaatatgct tggtagactt gtaaaaatatt ttagatgtgg tgtaggaata aatctttgat 180
 gtaatttgtt tttttgtata tgtatatgat tttgaaaatt gagacagaag ctataccatg 240
 aaccaggctg gaatgcgatg gaaccatctt ggctcactgt tgccctgcagc tacctgggtc 300
 aagtgattct tctttttttg gccttccatg gagcatgaga t 341

<210> 1940
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 1940
 ccctcccacc ctctgttttt ttcttcttct tctctctctt tttttttttt ttaaaaaaaaa 60
 gggggcctct ggcgggggtg ccaggcgagg ccaacatccc aaattcccaa attcccccg 120
 gcctaagggg atcctctaac ctaagccgcc ctttccaatt ttgacccac cccagtaaa 180
 aataacttgt ttggcccgcc caggggggct caggacggaa accccaccat ttgggggggc 240
 cgggggggga aaaccactgg accccaggag tttggggcca cccgggcca caggggggaga 300
 cggcctctcc taaaatccaa aaatttcccc gggggggggg gg 342

<210> 1941
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 1941
 cctgtggtgt tattgtatac acacatatat atatatgatt ttgtgcatgg ttctgggtc 60
 aaactcccat ggcggttgc tttgtttaga acagtctttt attagaacag tctagtaaaa 120
 cagttctaac agtcttttgc tagaactctg ggtgtgttag gcctcaagaa acggaccctc 180
 tccagcctta ttttggccta gtttcacctg cccaaaggca ggtctctaatt cttcccctgc 240
 ctttttgaat gcggtgcata agactgtacc cagaggccga acgcggtggc tcatgcctgt 300
 aaacctagca c 311

<210> 1942
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 1942
gattataatc aagtgtagge ttcttgaatt ttgacatcct tttagaactt gggctctggaa 60
ttccagaaat gttaattgct gcttgtatct gttcttgttt gtttttttagc cagtatttgc 120
cctttctatc cagccttatg aataatagca gtaaaatcac agtatcttgg tcagtcttta 180
ttttttcctt ttttcttttt taagagacag tcatccaggc cagagtgcag tttgatgata 240
gcttgctgaa gcttcccact cctgggctca agttatcctt ccattttggc ctcttgagta 300
gctagaccat aggtatgcat caccaca 327

<210> 1943
<211> 325
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 1943
cggtaaggag ttttcccact tgaaataaaa aaatgctaga cagcaacatg atggcataga 60
aaagtatgaa actcattggg aaatacaaat atatagacaa atactgaata ttactgtaat 120
gatggagggt aacacacttt taattcaact gtacatgtta aaagacaaaa ttagttaaaa 180
taactataaa taaatatatg gtaaaagata taccatatga ataaatgaac atagtgccaa 240
caataatata aagtgtaggg agaaaataag ttagagttac tggatacaat tgaacataag 300
ctgttatctg ctttaataagg actan 325

<210> 1944
<211> 322
<212> DNA
<213> Homo sapiens

<400> 1944
attccttatt tgaaaaagag caaagttgct catatcctca atatcagtc accactgaac 60
ctaaatccag tttggttcaa acagcactgt gcttatacca ttgctaagta tggatgtct 120
atgtatgtgc ttggaatggc agaagaattt aaaggtgaaa ttgcagtc aaagcattatgg 180
cctaaaaacag ccatacacac tgctgctatg gatatgctgg gaggacctgg tatcgaaagc 240
cagtgtagaa aagttgatat cattgcagat gcagcatatt ccattttcca aaagccgaaa 300
agttttactg gcaactttgt ca 322

<210> 1945
<211> 330
<212> DNA
<213> Homo sapiens

<400> 1945
ggctcaagag gaatgctcca ggaaagggat agtggatgaa ttcttcccgc tgttgtcaaa 60
ctaattgtata tggactcaac cacaggggata tcccagagc tccataggaa cactagcaaa 120
ttttgtgttt ttgttcagtc cgacatgggc tggccctcat cttgcagctc tgtaattttt 180
caatttacac ccaacaaatg aacttgagca ttgccatccc agctatggtg aacaacacag 240
ccccacctag ccagcccaat gcctccacag aacggccctc cactgactcc cagggctact 300
ggaatgaaac tctaaaagaa tttaaagcaa 330

<210> 1946
<211> 384
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 1946
 tacgggtttcg agttgacgac agaaggggctt aaagacaagg atacttttcca agaaatgctt 60
 ccttacacaa ttttggcatt gtgtgaacat cgaacagtgt gttgacgtaa acctacatgg 120
 tatagcgtac tgtatagtat agatagccca ggggttcctt atctctcagc cacggtatca 180
 gtccatcacc tgtaagaac caggccacac agcagtaggt gatcagcggg caagctagca 240
 gagcttcac tttatttgca gctgctccca ttgcttgcac taccgctga gctccacctc 300
 ctgtcagatc agcggtagca ttagattctc ataggagcac aaaccctatt gttaactgag 360
 catgggacgt atgtatggac atan 384

<210> 1947
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 1947
 tcaaaagaaa gttgtaaccc tgtgatatga atccacacac cacagagcag tttcatggat 60
 aactaaccac tttctagttt taactgggaa taccctttt ttcccttatt actcaatgaa 120
 ctgcagaatg tccctttgca tattccaaaa agagtgttcc caacctgctg aaacaaaata 180
 ataactttaac tctctgagct gaatccacat atcacaaagg agtttctcag ataggatctt 240
 tctagttttt ggctgaggat atttggtttt tctcatagg cctcagaggg ctcccaaagt 300
 tctcttcaca gattctaaca aaagagtgtt tcaaacttgc tgaatcaaaa gaacatttta 360
 g 361

<210> 1948
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 1948
 ggcacgaggt tgggtagaga cgggggtttta ttctgtttag ccaggatggt cttgatctcc 60
 tgagctcgtg atccgccctc ccgcctcggc atctcaaagt gctgggatta caggcgtgag 120
 ccacggcgcc cggacttcct tcttttttaa gcaaagcctg ttagaatggc ttggatctcg 180
 aggtggcgctc ttaccgcacc tccgagggct ctgcagccgc tgcgggagaa tgaccctgtc 240
 ggtatttttg aggtgcttt gagcgcggcc ccctgccaaag taccgggcca tcaaggccct 300
 gatgcggcca gaccgcgcc tcaagagggc ggcgctggtg ctggtgctgg tgcagatgct 360
 ggctgctgg ctggtgcgcg ggctggcctg acg 393

<210> 1949
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 1949
 cagcacacca acatggcaca tgtatacata tgtaacaaac ctgcacgtta tgcacatgta 60
 ccctagaacc taaagcataa taataaaaaa taaataaata aataaaaaaga aattaagcct 120
 cctttttttt ttttttttta aaaaggattt ccacttttgt ggccaaggct gatgggngtg 180
 gncnnaaagc tatcataaac ttttagtcccc cttctcaact tgaatctttc cagaaaaaac 240

cactcccgct	tattacccga	aataggagaa	aaaagttcaa	tgggaaaaca	aagtggttct	300
ttattcctta	aaaagag					317

<210> 1950
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 1950						
aagggctctca	cctgccagag	atctgtgcaa	ttaaaaacac	ccacagctga	accgttcagg	60
ggctggcaat	tttttttttt	tttttttttt	aaaagggact	cgggttttgt	ggccaagggtg	120
ggggggaaaa	ggggcaattt	ttgttttttg	aacccttaac	ttccgggggt	aaagggaaggg	180
gccacttaa	gtttccgggg	aagttaaaac	aaagggggcca	cacaaaaaaa	tcggggcaaat	240
tttaaaattt	ttgggggaaa	cgggagtttc	gttttggttc	caaggtgggt	ttcaaattcg	300
gggggttaagg	gaaccctccg	gcttgggttt	caaaagggc	ggggataaaa		350

<210> 1951
 <211> 415
 <212> DNA
 <213> Homo sapiens

<400> 1951						
ggcacgagga	agagcaaccg	agatgattgt	gaagatgctg	agccggaatc	cggacaatta	60
tgtccgcgaa	accaagttgg	acttacagag	agttccaaga	aactatgatc	ctgctttaca	120
tccttttgag	gtccacagag	aatatataag	agctttaaat	gctaccaaac	tggaacgagt	180
atttgcaaaa	ccattccttg	cttcgctgga	tggtcacoga	gatggagtca	attgcttggc	240
aaagcatcca	gagaagctgg	ctactgtcct	ttctggggcg	tgtgatggag	aggttaaaat	300
ttggaatcta	actcagcgga	attgtatccg	tacaatacaa	gcacatgaag	gctttgtacg	360
aggaatatgt	actctctttt	gtgggacttt	ctttttccac	tggtggggat	gacaa	415

<210> 1952
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 1952						
gatttgaaag	gaatgaggat	cctgcactct	tcctccctca	gtaagtaa	gccagtccct	60
aggaagagag	aacccaaaatg	tctaccggac	cagatgtcaa	ggctacagt	ggggacattt	120
ccagtgatgg	caattttaa	gtggctcaag	aggaatgctc	caggaaaggt	ttttgttcag	180
tccgacatgg	gctggccctc	atcttgacgc	tctgtaattt	ttcaatttac	acccaacaaa	240
tgaacttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	agccagccca	300
atgcctccac	agaacggccc	tccactgact	cccagggcta	ctggg		345

<210> 1953
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 1953						
gccagtccct	aggaagagag	aacccaaaatg	tctaccggac	cagatgtcaa	ggctacagt	60
ggggacattt	ccagtgatgg	caattttaa	gtggctcaag	aggaatgctc	caggaaaggt	120
ttttgttcag	tcgacatgg	gctggccctc	atcttgacgc	tctgtaattt	ttcaatttac	180
acccaacaaa	tgaacttgag	cattgccatc	ccagctatgg	tgaacaacac	agccccacct	240
agccagccca	atgcctccac	agaacggccc	tccactgact	cccagggcta	ctggaatgaa	300
actctaaaag	aatttataag	catggtaagt	taatgagact	ct		342

<210> 1954

<211> 330
 <212> DNA
 <213> Homo sapiens

<400> 1954
 aggcggtgctg tgcaaatggc acacctgggc caaccaatct tttgtgccct atgtaaatca 60
 gacaccgcct cctcaaactc atttataaaa cctgcatttc actgcagaag tggcaatcca 120
 ttttctccag ggcccctctc tgttcagaga gctctttctt ttgcctgtta aacttctgct 180
 ctgaacctca ttcttttgtgt gccggcgctcc tagttttccg tggccatgag accacgaatc 240
 tcaggatattt accccagacc acagtgtctgc ttcattacca cgttcctgat tcctaaaggc 300
 ccagggcaga ttgaacccta agttcagttt 330

<210> 1955
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 1955
 caaaggcaaa gatgttacag aaaaagagaa gaatatagat ttatatacctt tatgaatatt 60
 gatgcaaaga cgttcaacaa atactcacaa attgaattta acaatatatc aaaagattat 120
 acatgatgat caaatgagat ttattcctgg aatgtatggc taattcaaca tacaaaaaaa 180
 caataaatgt aatacaccac attaacaaaa taaaggatta aaaaaagacc atttcaaata 240
 ctgcagaaaa agcttttgac aaaattcaac actcttgcac ggtaaaaaca gtcaacaaac 300
 taggaatata aataatgtcc 320

<210> 1956
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 1956
 ggctgctctc tggccactag agccaggcag tcacctagct gctgttatgc tgcataacctg 60
 tctctgagta ctgccttcac ccatcggccca gggctctgtgg gacagaccag gcaggtgggtg 120
 ccccatgtga ggaacgctgc aatggattgc aagggaaccc ctgaaaacaa atgtgaagtg 180
 actgagcagt gttaacctta gaagactaga acctaattgag ttatggcaaa cagatgttat 240
 gcacgtccct gaatttggaa aactaaaggc ctctttggat tccagcacga ggcacaaac 300
 cataccatgg catgggtagg aac 323

<210> 1957
 <211> 355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 1957
 gaaagaaaga agaaaagatc ttgtaaaagt tttcacccaa aacattttca ctttgccaca 60
 actttcaaag ctacccttta tctactcttc acactccaaa taataactaac aactttaact 120
 cgcagtaaag tatagcagga gtagtaacta ccatttatta aatgcttatt atgtatcaag 180
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240
 tcaccaagc tagtagtgca caatcatggc tctactacagg cttgacctcc tgggcttaag 300
 catcctccca cctcagcctc ccgagtanta anactacaga tatgtgccac cactg 355

<210> 1958

<211> 172
 <212> DNA
 <213> Homo sapiens

<400> 1958
 caccatcaa gtcattatta ccctcaactgt cgacccaaca caggcatgct catgtgaaga 60
 tgcgaaaaaa cgacagaaaag gaacggggggc gtttttttga tagatcgcaa cgggggagaa 120
 acctttgggg gagggggggcc gcccccttt atgagggggg ggaaaaaatg gt 172

<210> 1959
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 1959
 gaggtgccc agctactgag ggtctaagtc cgggcagccg aagagtgtgg ttagcaagat 60
 gaacaaagat gcgcagatga gagcagcgat taaccaaag ttgatagaaa ctggagaaag 120
 agaacgcctc aaagagttgc tgagagctaa attaatgaa tgtggctgga aggatcagtt 180
 gaaggcacac tgtaaagagg taattaaaga aaaaggacta gaacacgtta ctgttgatga 240
 cttggtggct gaaatcactc caaaaggcag agccctggtta cctgacagtg gaaagaagga 300
 gtcctacaa agaataagaa catttcttgc ttaacatgcc agcc 344

<210> 1960
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 1960
 gaaagaaaga agaaaagatc ttgtaaaagt ttccaccaa aacattttca ctttgccaca 60
 actttcaaag ctacccttta tctactcttc acactccaaa taatactaac aactttaact 120
 cgcagtaaag tatagcagga gtagtaacta ccatttatta aatgcttatt atgtatcaag 180
 taccatgctg agttctttat gtcactctcat atatttattt tgagacaggg tctcactctg 240
 tccccaggc tagtagtgca caatcatggc tctactacagg cttgacctcc tgggcttaag 300
 catcctccca cctcagcctc ccgagtagtt aaaacta 337

<210> 1961
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 1961
 ggctgatgcc attttcagcc tcagcagcc tgcaccagc cgttcattaa aacagcatgt 60
 tgctccccac tgctcgtgt tgtctgttgg cgcgctgacg gggttcgaac cgatacaaga 120
 accttcacc tacctgggtgc tttggcctca tctataagct ttccactgt cctgaaacaa 180
 gatagagaat ctgagcggcc agtcactctgc cctaagtgtc gccgccgaag actgaatgtc 240
 ctggaaagtt tgctgtcaca tctccattat gacaaaagca ttgcgccgaa cagatgaaaa 300
 aatgcattgt caacggaatc ttttatgttt ggttgtcttc ctttaagc 348

<210> 1962
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 1962
 tgggtatata taatttacag aaagtctatg tgtaaatcat tgactgactt aactccgact 60
 gatcactctc tgtacggaac cacctaata gatctttttt cctgacacct agatagagcc 120
 cattaccaag acagaggaat tacaatacag agtttaatcc atatagaatt ggctaaatgg 180

gagattcaag	ttttattatt	actcagatca	ccctttccaa	aaatccagag	ggtagggttt	240
tetaaacacg	gtttgttggg	cagcggctca	aggaatgagg	aaagctgatt	ggttgtgttg	300
cgataaaat	cataggggtt	aaaactgt				328

<210> 1963

<211> 137

<212> DNA

<213> Homo sapiens

<400> 1963

tgtaaataaa	gttttatttg	aacagaaaca	cactcctttg	tttacatagt	ggctatggct	60
gcctttgtga	tagaatagca	gaattaattg	actgtgccaa	agattgtaca	gccagtaaaa	120
taaaaaatat	ttactgg					137

<210> 1964

<211> 323

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(323)

<223> n = A,T,C or G

<400> 1964

ctcctctttc	caggtgctcc	ccgagcctca	caggtctggc	tcctgggcac	gtagcaagct	60
ctttccctac	ctttacttcc	ttttcattcc	cttttttttt	ttttaaaactt	aatgggggca	120
aggttaacat	ataaaaaaat	ccccctttttt	ggaaaaaaga	aacaaggggt	tttaagaacc	180
tttaccatt	agggaatta	taacaggccg	gtttaaaaac	atggttatgg	accaaaaaaa	240
cccctccggc	ggggggggac	cacctgaagt	cgggagttaa	aaaccagccg	gaccaacagg	300
gggaaacccc	atctttacaa	aan				323

<210> 1965

<211> 320

<212> DNA

<213> Homo sapiens

<400> 1965

gctgctctct	ggccactaga	gccaggcagt	cacctagctg	ctgttatgct	gcatacctgt	60
ctctgagtac	tcgcttcac	catcggccag	ggctctgtgg	acagaccagg	caggtgggtc	120
cccatgtgag	gaacgctgca	atggattgca	agggaaaccc	tgaaaacaaa	tgtgaagtga	180
ctgagcagt	ttaaccttag	aagactagaa	cctaataagt	tatggcaaac	agatgttatg	240
cacgtccctg	aatttgga	actaagcacg	aggcatacaa	ccataccatg	gcatggctag	300
gaccaacccc	ggtaccaaaa					320

<210> 1966

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1966

ggataagcta	caacataaac	acatctaggt	tcttgttctt	agaatacagc	atgaagaatt	60
tgttttcttc	tttcttccta	acattttcat	gtgagatcca	gaaaggacac	attgtctctg	120
gccattcgaa	gaaagaaaga	aagaaaaaaa	aaagggtttt	tagagaccga	gagagaaaaa	180
ggctgaaatg	ggttcgctgg	gttctaaaaa	tccgcaaacc	aaacaagccc	aagttcttct	240
tttgggactt	gactcagctg	ggaagtctac	tctcctttat	aaattaaagc	ttgctaagga	300
tattaccacc	atccctacaa	taggtttcaa	tgtggaaatg	atcgagttgg	aaaggaatct	360

ttc

363

<210> 1967

<211> 363

<212> DNA

<213> Homo sapiens

<400> 1967

cgggggttctt	gttcttagaa	tacagcatga	agaatttgct	ttcttctttc	ttcctaacat	60
tttcatgtga	gatccagaaa	ggacacattg	tctctggcca	ttcgaagaaa	gaaagaaaga	120
aagaaaaaaa	aggtatttag	agacagagag	agaaaaaggc	tgaaatgggt	tcgctgggtt	180
ctaaaaatcc	gcaaaccaaa	caagcccaag	gtcttctttt	gggacttgac	tcagctggga	240
agtctactct	cctttataaa	ttaaagcttg	ctaaggatat	taccaccatc	cctacaatag	300
gtttcaatgt	ggaaatgaac	gagttggaaa	ggaatctttc	actcccagtc	tgggatgtgg	360
gag						363

<210> 1968

<211> 341

<212> DNA

<213> Homo sapiens

<400> 1968

tataacagga	actcaaagac	aatgcacagg	gctataatct	aagaacagat	gtattaacag	60
ccttactcac	tgtaaggctg	ggaacccttg	aagccaggca	ttatatgcac	attctcaa	120
atgatgctct	agttaaagcc	ttggtaatat	atataaccaa	tgtttccaac	tgcatcctgt	180
tataaagaga	gagcaaattt	tattaaactt	atgtaaataa	ttcttgccat	aaaaaataag	240
aatactcatg	gatagtttct	gaattttaga	ggaatcaaat	agggacaaaa	aaaaatgttt	300
ccacctttgt	tcacaaagta	taccaaatta	ctggtaacta	a		341

<210> 1969

<211> 384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = A,T,C or G

<400> 1969

tacggctgct	agaagacgac	tgaagggtgt	ggtacattca	gacattgtaa	tattaccac	60
tgctaaaaag	aaatgtgcta	ttaagctatg	aaaagacatg	gagaaaaatg	cattttacta	120
agtgaagaaa	gccaatctga	aaaggctaca	tagtatatga	ttccaagtac	agttgactct	180
tgaacaatac	aggtttgaac	tgcatagatc	tacttataca	gggatttttt	ttcagtacat	240
acagttggcc	ctctgtgtct	gtgggttctg	cctctgcaat	gaaacatgga	tagaaaattc	300
agtattagcc	tgggcaacaa	aatgagaacc	tgtctctaca	aaaaatttaa	aaatttagct	360
gggcgcagtg	gctcacacct	gtan				384

<210> 1970

<211> 317

<212> DNA

<213> Homo sapiens

<400> 1970

gaaaacattg	ctcctaactc	caccgcctac	cccaaacct	ataagaacta	atgataatcc	60
caccaccctt	tgctgactct	cttttcggac	ttagcccgcc	tgacccagg	tgaaataaac	120
agccttggtg	ctcacacaaa	gcctatttgg	tggtctctct	acatggacgt	gcatgacatt	180

gggtgctgaa	acccgggaca	ggaggactcc	ttcgggagac	cagtcccctt	cccctgtcct	240
cgccctcact	ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	300
ggaacatctc	atgaatt					317

<210> 1971

<211> 299

<212> DNA

<213> Homo sapiens

<400> 1971

aactgttgga	ttttgttagt	attctctatt	atTTTTctat	tctccattct	acttatttct	60
actcttatct	ttattatttc	ttcccttctg	gtagatttgg	gtatggtttt	tttctttctt	120
tttttccaag	tttcacaatc	tgtagattta	ggttgttggg	ttgacgcctt	tcttatcttt	180
aaattttaatg	gtgtatagct	ataaattgcc	tcgtttgcac	tgttttcact	gtttcccata	240
cgtttggtat	ggtttctttc	atgtgcattc	atTTTTaagt	atTTTTctat	ttcccttgg	299

<210> 1972

<211> 285

<212> DNA

<213> Homo sapiens

<400> 1972

ggttatcagc	caagagtttg	tatctagtga	aactaagcat	catatacgaa	ggaaagatac	60
attctttttc	agacaaacaa	atgctgagag	tatttgccac	taccaagcca	ccactatacg	120
aactgctaaa	aggagctcta	aatcttgaaa	caaatccagg	aaacacatca	aaacagaacc	180
tctttaaaagc	ataaatctca	caggacgtat	aaaacaaaaa	taccatttag	aaaacaaaac	240
aaaacaaaaa	ccaaggtata	caggcaacaa	atagcacaat	gaatg		285

<210> 1973

<211> 305

<212> DNA

<213> Homo sapiens

<400> 1973

tacgggtcca	aaaaacaaca	aaaggggtccg	gttgcaaaaa	aacaacaaaa	gggtccgggt	60
gcaaaaaaac	aacaaaaggg	tccgggttgca	aaaaaacaac	aaaaggggtcc	ggttgcaaaa	120
aaacaacaaa	agggttcttt	tttcaaaaaa	ccacacaagg	ttacgcctgc	atgcagacca	180
ctgaggggtc	ctctgtgac	aaaaccatca	acctttacgg	ctgccccaat	accaccaatg	240
ggtacgtctg	cgccaaaact	acagacgggg	acgggtgtgag	acctcaacag	aagggtatga	300
ttttt						305

<210> 1974

<211> 387

<212> DNA

<213> Homo sapiens

<400> 1974

ggcagcaggt	gagccaaggt	cacgccactg	ccctcctgcc	tgggcaacag	agcgagattc	60
ttatctccat	aaaatgaaac	aaagcaaaaac	aaagggagag	agaatggagg	ttgcctgtta	120
ctgcatcata	atcttgttta	tgtctgactga	tgcattagag	gtactaatgg	catgagagga	180
acaatttctt	gagacacagt	ttactgacca	tgaatttcct	caaaacccca	gagagcaggc	240
ttctcaggag	gagactcagt	gtggaatccc	ttgccaaagg	agaccctggg	tctgtagcag	300
gacgagccgc	agacaaatct	cctcaagaca	cgggattaaa	gaaggaaaag	gtttatttgg	360
ccaggagcgt	cagcagattt	gtgtctt				387

<210> 1975

<211> 368

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 1975
ggatgccatt ttcagcctca gcacgcctgc acccaggcgc tcattaaaaac agcatgttgc 60
tccccactgc ctctgtgtgt ctgttggcgc gctgtcgggg ttcgaaccga tacaagaacc 120
ttccacctac ctggtgcttt ggccctcatct ataagctttt ccactgtcct gaaacaagat 180
agagaatctg agcggccagt catctgccct aagtgtctgc gccgaagact gaatgtcctg 240
gaaagtttgc tgtcacatct ccattatgac aaaagcattg tgccgaacag atgaaaaaat 300
gcattgtcaa cggaatcttt tatgtttgtt tgtcttcctt taagcaacat tgccttactt 360
gttataan 368

<210> 1976
<211> 339
<212> DNA
<213> Homo sapiens

<400> 1976
gtggggcacg cctatatctc cagctactca ggatgctgag atgggaggat caactgggccc 60
tagggaggtc gaggtctgcag tgagctgtga tctgtgccact acactccagc ttggggcgaca 120
gagtgcagacc tcatctcaga ataatatgaa ataaaaataa atataaaata aaatactata 180
aggagtcctt taggctgaaa ggacaacaaa ttagatggct agttgaatcc acacagagaa 240
ataaagagca ttggcaaagg tcattgcata gataaatata cagtataaaa atatataggc 300
ttactctttc cttcttttaa cttaaattaaa agatgaatg 339

<210> 1977
<211> 342
<212> DNA
<213> Homo sapiens

<400> 1977
ggctgatgcc attttcagcc tcagcacgcc tgcaccagg cgctcattaa aacagcatgt 60
tgctccccac tgctcgtgt tgtctgttgg cgcgctgtcg gggttcgaac cgatacaaga 120
accttccacc tacctgggtgc tttggcctca tctataagca gcttttccac tgtcctgaaa 180
caagatagag aatctgagcg gccagtcctc tgccttaagt gctgccgccg aagactgaat 240
gtcctggaaa gtttgctgtc acatctccat tatgacaaaa gcattgtgcc gaacagatga 300
aaaaatgcat tgtcaacgga atcttttatg tttggtgtgc tt 342

<210> 1978
<211> 406
<212> DNA
<213> Homo sapiens

<400> 1978
cgttgtgtgc gaaatggggc tgagtgcagt ggctcatgcc tgtaatccca gcacttaggg 60
tgccaatgtg gattacctga gccaggagt ttgagaccag cctgggtaac agtgagaccc 120
ccctccctac aaaagatttt aataattagt tggcgtagt ggtgcatgcc tgtaatccca 180
gctactctgg agacaggtgg aggggattgc ttgagcctgg gaagctgagg ctgcagtagc 240
catgactgca ccaactgcatt ccagcctggg tgacagagt acccttgtct ccaagaaaaa 300
aaaaagcaaa tgggattaag gactcatgga atgggaagg gaaaggggag tcttactata 360
tgtggaataa acttgctcag tgttgccaca gagttacatt accaat 406

<210> 1979
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 1979
 ggattttgat agggattata ttgaatctgt agatcaattht gggagaattg ccatcttaat 60
 gatattaagt cttccaattht atgaacttag gatgtcttht tatttactta ggtcttcttht 120
 aatttcttht ttttttttht aaaaaaaaaa tccccctctg ttacctccct gggacccccg 180
 gggctcaagc agcccttccc tttcaccccc ccaagaagtht agggcccccg gggccccccc 240
 cccctctat ttctgggggg aggaaggcac tccccattht tcctctcttht agaaatctgg 300
 gtcgcccatt ctgcgccccca tttcgctctc cctcctthtct ttgtctctct aacctct 357

<210> 1980
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 1980
 gccactggc gggactggac agatcacccg agaaaactaa caaattctcg acttaaattg 60
 aagttttgac caaatggacg taatacacac gtacagaata ccctacccaa caaccacaga 120
 atacacattt tactcatctt tgcattgctct aaaaatgacc acatgctcag tcataaagca 180
 agtctcaata aattcaaaaa agcagaaaatc ataccaagca tctgtttgga ccacagttga 240
 ataaaattag aaatcaatac caagaataac tctgaaagcc acgtaagtac atggaaatga 300
 aacagtttgc tcctgaatga cgtttggcta aacaaaatta aggcagaaat acaaattttt 360
 t 361

<210> 1981
 <211> 341
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(341)
 <223> n = A,T,C or G

<400> 1981
 cacatccatg aatgtcaagc gtccctaaaa tgaggaccac attgtttaca aacttaaaaa 60
 tgtagaaatt gtactcaatt tagttgataa acatttttga atattaagct attaaaaatg 120
 gcagatcatt aaaaaacata gaaacttcaa ttccaatctc tagtaaattg tcacattcaa 180
 aaatatgtag tattttttaa aattcagatg gggttttact aggttgccca gaaagatctc 240
 aaactcctgg cttcaaggga agagtthtct cctgccccag cctcccaaga agatgggatt 300
 ataggcatgc accactaacc ctggcctata aatacacttht n 341

<210> 1982
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 1982
 ctctcaggct gtgtgagcca tttgagaaga tatacagcag agggaatact tcgtatgtca 60

ttctatgaag	ttcacatcac	ccattttacca	gaaccagact	aacaatgttc	ccgaaaaaaaa	120
ttacagatta	atatctctca	tgaccataaa	tgctaaaatc	agaatattgg	gacatcaatc	180
ccacaaattt	ataaagagaa	ttatacgcca	ttaccaagta	aatttttttt	tccaggtttg	240
taagactggg	tcaacattca	aacgttgatt	aatatgattc	atcacatgaa	aaagtaaaat	300
gagaaaacag	tacaatcata	tccctagatt	cagagagagc	atttgacaca	atccacn	357

<210> 1983
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 1983						
ggctgatgcc	attttcagcc	tcagcacgcc	tgcccccagg	cgctcattaa	aacagcatgt	60
tgctccccac	tgccctcgtg	tgtctgttgg	cgcgctgtcg	gggttcgaac	cgatacaaga	120
accttccacc	tacctgggtg	tttggcctca	tctataagct	tttccactgt	cctgaaacaa	180
gatagagaat	ctgagcggcc	agtcactctg	cctaagtgtc	gccgccgaag	actgaatgtc	240
ctggaaagtt	tgctgtcaca	tctccattat	gacaaaagca	ttgtgccgaa	cagatgaaaa	300
aatgcattgt	caacggaatc	tttn				324

<210> 1984
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 1984						
gctctttacc	ctcattggcg	cttctctcct	gcagtcgcc	tctgggccct	gccgcatttc	60
ttgagactta	aagtggcatt	ctaaaggcaa	tttaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaagg	cctacaagac	agcgcaaagt	tggtctttgt	aagtcaaata	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaacca	gaaggtggca	gcgcatacata	agtgcattgt	240
cttttcatct	gctttggtat	catcacactc	tgataatgaa	agtcttggtg	gattttctat	300
tgaagatgg						309

<210> 1985
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 1985						
gctctttacc	ctcattggcg	cttctctcct	gcagtcgcc	tctgggccct	gccgcatttc	60
ttgagactta	aagtggcatt	ctaaaggcaa	tttaaaaatc	atgtcaagct	cagttgaaca	120
gaaaaaagg	cctacaagac	agcgcaaagt	tggtctttgt	aagtcaaata	gagacaagga	180
atgtggacag	ttactaatat	ctgaaaacca	gaaggtggca	gcgcatacata	agtgcattgt	240
cttttcatct	gctttggtat	catcacactc	tgataatgaa	agtcttggtg	gattttctat	300
tgaag						305

<210> 1986
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 1986						
actttaagat	ttatatgaaa	aggaaaaagc	attagaataa	tcaggagttt	tgaaaaagaa	60

aaatgaagct	gaaagaatta	cactaaccga	ttttgagatt	tgctataaag	atacattaat	120
caagacaata	tggtgttagt	gaaaggatag	acccataaat	caatggaaca	taatagaggg	180
tccagaaata	aatccacaca	aatatggttg	attgattttt	aaaagttgca	agaattctga	240
aagggtgaaag	acagccattg	ctacaaatat	gccataacaa	acaaaaaagc	cattcttgac	300
ttatacaata	ctctatgatg	g				321

<210> 1987
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 1987						
tcaaaagaaa	gttttaaccc	tgtgatatga	atccacacac	cacagagcag	tttcatggat	60
aactaaccac	tttctagttt	taactgggaa	taccctttt	ttcccttatt	actcaatgaa	120
ctgcagaatg	tccctttgca	tattccaaaa	agagtgtttc	caacctgctg	aaacaaaata	180
atactttaac	tctctgagct	gaatccacat	atcacaaagg	agtttctcag	ataggttctt	240
tctagatttt	gtctgaggat	atgttggttt	tctctatagg	cctcagaggg	ctcccaaatg	300
tctcttcaca	gattctacaa	aaagagtgtt	tcaaacttgc	tggatgaaaa	gaaaaattta	360
actcc						365

<210> 1988
 <211> 381
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(381)
 <223> n = A,T,C or G

<400> 1988						
cgttgctgtc	ggataaaata	agggttttta	ttcccagcta	tctctctcaa	attttaagag	60
agatgttatg	gactgtgtct	tccccacaac	ccggcccata	agtcgcatgt	tgaagttctt	120
acctctagta	ccttggactg	tgactatatt	tggaaacagg	gcctttaaag	agacagttta	180
gtgaaaagga	ggccttttagt	atgggcctag	tgtaatctga	ccagccctta	tcagattaat	240
aaagttaaat	acacagaaaag	ataccacaga	tgcattagcg	caaaggaaaag	accatgtgag	300
cacacgaaga	gaaggcagcc	ataggcaagc	caaagacagt	ggccttagaa	gaaatcaacc	360
ctgccagtac	cttgatcttg	n				381

<210> 1989
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 1989						
gctaaatcta	tccccatacc	cactcgacct	tactacgcta	caaccttagc	caagccattt	60
actccattaa	atgttttagtc	gatacaattt	ggttcttttg	cgccttacga	tattgtttcc	120
ggtg						124

<210> 1990
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(325)

<223> n = A,T,C or G

<400> 1990

cacgtgtggg	ggcttacgac	tcttaggctc	ccccttcaaa	aggcctttgt	ttgcgaatca	60
tgagatccta	atacttaaac	cgtcctcacc	atcatgtgga	aaccatgtct	ttactacaac	120
tactgcattt	attctattgt	tctggctcac	atctgtagat	cccaactgct	ctggaggctg	180
aggcaggaga	attgcttgag	cccatgaagc	ataggttgca	gtgagccgag	atcattccat	240
tgcgctccag	tctggcgaca	gaacaagact	ctgtctcgna	aaaanacatt	ataaannnt	300
tttggcggcc	tttttttcta	aattg				325

<210> 1991

<211> 380

<212> DNA

<213> Homo sapiens

<400> 1991

cggtgctgtc	ggtgaaccac	cgcgctggc	tgagataggt	tgttttttga	attaactatt	60
cttttttttt	tttttttttt	tccgaaccaa	aatttccttt	ggggtcccc	ggctggaggg	120
ccggggggcca	aaaaataagg	cttctgggac	ccttggcccc	ccaggtttag	gggattcccc	180
ggccttaatt	tcccaagcag	gggggattaa	cggttgggc	ccctcccccc	gggggatttt	240
gttttttggg	aaaaaacggg	gtttttcaat	ggggggccagg	cgtgttttga	atctcccacc	300
ctgggggggac	caccctcct	tgggcctcca	acggcccgcg	gctaccagct	cgccacccca	360
ctcccatgca	ctgcagtctg					380

<210> 1992

<211> 352

<212> DNA

<213> Homo sapiens

<400> 1992

accaaaaagc	atgacatata	gaaaacaaat	aacaaaatgc	agaagtcagt	ccttccttat	60
ctgtaattac	attaaatgta	aatgaattaa	aaggcagaaa	ctggcagAAC	agatgaaaga	120
aaaaacaagt	ccaactatgc	acagtctaca	agatactcac	tttggattca	aagatgcata	180
taggttgaaa	ggagaaggat	gaaaaaatat	attccatgca	aaaaacaagg	aacaaaagag	240
tggctatact	aatatcagac	aaaatagact	ttaagacaaa	attgttgggc	caggcacagt	300
ggctcatgcc	tgtaatcctc	agcactttgg	gaggccgagg	caggcagatc	ac	352

<210> 1993

<211> 404

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(404)

<223> n = A,T,C or G

<400> 1993

ggcacgagcc	gagatgaagg	tgaagatgct	gagccggaat	ccggacaatt	atgtccgcga	60
aaccaagttg	gacttacaga	gagttccaag	aaactatgat	cctgctttac	atccttttga	120
ggctcccacga	gaatatataa	gagcttttaa	tgctacaaa	ctggaacgag	tatttgcaa	180
accattcctt	gcttcgctgg	atggtcaccg	tgatggagtc	aattgcttgg	caaagcatcc	240
agagaagctg	gctactgtcc	tttctggggc	gtgtgatgga	gaggttagaa	tttggaatct	300
aactcagcgg	aattgtatcc	gtacaataca	agcacatgaa	ggctttgtac	gaggaatatg	360
tactcgcttt	tgtgggactt	ctttttttcac	tgttgggtgat	gacn		404

<210> 1994

<211> 398
 <212> DNA
 <213> Homo sapiens

<400> 1994
 cggtgctgtc gctattattc ctgagaattt gttatattag gattagcaaa aacaaagctg 60
 attggtaata taactaacat aaattgcttg gtaactttat ttttttaaga ttatgggtta 120
 gcgtgtgtca cattttatgg agttaattct acagtgtaaa gtttgagctt gatttttagca 180
 tttcagtgac ttgctaataa aataaataat ttaccaccat tgtcctatac catttcctttt 240
 gacaacagtg agctactgtt ataattaagg cagtaattac tattgagaaa ttcactgaag 300
 caggtagaag aagatagatt gacttggttg tttcctttaa cagaaggatc aaaaccagc 360
 agagtgcgaag cagcagtgaa gcaagatgta tgtggccc 398

<210> 1995
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 1995
 aattcgagcg gctgcttcct tttttttttt ttttttttaa aaagaaatcc accttttgtc 60
 cccagactat gaaggcaagg gggccaaccc agatgaatgg atccctctgc ccccggggta 120
 aaagaatttt ttgccctaac cctccaaaga agtgggatta aaggcccctg acacaatgcc 180
 agggtaattt tttggaattt aaaaaaaaaa ggggggttca atattgtggc taaggcggtt 240
 ttgaaccccc gaccgggggg accaccccc tgggcccc aaaggggtgg gattaacggg 300
 ttggacccac gggcggggcc tttccttggt tttttttaaa aaccaattag gggggtgtgg 360

<210> 1996
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 1996
 gatggcagtg ccaccatgct ggatcttgcc atggactgtg gggccaactt gggttatgct 60
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 tt 122

<210> 1997
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 1997
 agcatgaaga atttgctttc ttctttcttc ctaacatttt catgtgagat ccagaaagga 60
 cacattggct ctggccattc gaagaaagaa agaaagaaaa aaaaaaaggg tttttaaga 120
 cagaaagaga aaaaggctga aatgggttcc ctgggttcta aaaatccgca aaccaaacia 180
 gcccaagttt tttttttggg acttgactca cctggaaagt ctactctcct ttataaatta 240
 aagcttgcta aggatattac caccatccct acaatagggt tcaatgcgga aatgatccag 300
 ttggaaagga atctttcact cacagtctgg gatgttgagg gacaggaaaa aatgagaact 360
 gttggggg 368

<210> 1998
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 1998

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ggtggccaca	gcagcaacaa	aactcaacaa	tgacaaccaa	agcaactacc	aacatcaaac	120
acagcccaat	tcctagtcag	attaagataa	attaccatgt	caaagggtta	tttacctcag	180
tatctattac	gctatctaag	atgcctgact	tttaccctcg	agatacaaaag	catgcctaag	240
caagaaaaat	cacagtctaa	ggagacaaaag	caagaatcag	aaccagactt	agatatgtaa	300
cagttgttgg	aactatcaga	caggaaatth	aaaataacca	taath		345

<210> 1999

<211> 319

<212> DNA

<213> Homo sapiens

<400> 1999

gcaccttgag	gaccattcac	ttcttggatg	caatcaaaga	acttttccat	ctcacttcct	60
tctcccagtg	tcacatagt	gcccctcaat	gtttcattct	catggtttaa	agcactggct	120
tcaggcgggtg	aagatcagca	aagacactcg	ctcagctggg	tatttgtatc	aggctgggtt	180
cctcagagaa	ggagaaaacta	agccaacagg	atatttgtgt	gagtgtgtgt	gtgtgtgtgt	240
gtttgtgtgt	gtgtgtaata	tatgtcataa	acatctatth	actattgtat	ggatatttatt	300
tatgaataat	attatatac					319

<210> 2000

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2000

agagggttgag	gctgcagtga	gctgacatcc	ccactgcact	ccagcctagg	tgacacagca	60
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tttgcaactg	attgattaca	actagggtaca	gatttgtttg	ttccttctcc	actcccactg	180
ctttacttga	ctagcctaaa	aaataataat	aataactctc	tctatatata	tatttttagac	240
agagtctccc	tctgtcacc	aagctggagt	tcaatgggca	tgatcacgac	ttactggagc	300
ctcaacctth	ccaggctcag	gttatccttc	caacctaaact	tttctgaaga	gg	352

<210> 2001

<211> 310

<212> DNA

<213> Homo sapiens

<400> 2001

gagcaccatc	cccccttht	tttttttht	ggaaaaggga	ccctcttht	gtcccccagc	60
taaaaggggg	gggcccggat	ttgggttaat	ggaaacctcc	ccctcttgtt	ttaaggggat	120
tttcttgctt	acccctccaa	aaaattggga	ataacagggg	cctgcccccc	ccccggggag	180
atthttgttt	tttaaaaaa	aacggthtca	ccgggggggg	ccgggtgggt	ttaaacctcg	240
ggccctaggg	ggaccccccc	ccctcgccct	cccaaggggt	tgthtttacg	ggcaggaccc	300
cccccccccc						310

<210> 2002

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2002

ggctgactct	ctthttcgga	ttagcccgcc	tgaccccgag	tgaaataaac	agccttgttg	60
------------	------------	------------	------------	------------	------------	----

ctcacacaaa	gcctatttgg	tggtctcctc	acatggacgt	gcatgacatt	gggtgctgaa	120
acccgggaca	ggaggactcc	ttcgggagac	cagtccccct	cccctgtcct	cgccctcact	180
ccttgaggag	atccacctgc	aacctcgggt	cctcagacca	accagcccaa	ggaacatctc	240
atgaatttca	aattggcagc	tgaagactga	tgctgcccga	ttgccttgga	agcccccta	300
gaccatcaca	gatgccgagc	ttcgggt				326

<210> 2003

<211> 387

<212> DNA

<213> Homo sapiens

<400> 2003

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gaacagtcac	cctgggtaaat	aacaagtttt	actgatcagt	tgctgggttg	ttgggttggtt	120
ggcatgtggg	tgtgtgggtg	tatagggtgtg	tgtgggtgtg	tgtgtctatt	ttaccccaca	180
cgtaccttta	tttaatgaag	agggatggta	actatatcat	aagtctcacc	atgacctgtt	240
ataaatttct	gatggaagct	cgcgagctat	gggcctttga	aataccctgc	tgatgtcata	300
ggcatatttc	tcacatgaga	actggacca	agggcttggtg	ctgaaactct	gatgttgcca	360
ctgtttgcca	ccttcaattg	gctgccc				387

<210> 2004

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2004

ggaggatagg	catgaaccac	catgacctga	tgaaagaaat	ttttttaaac	caaactgttt	60
tacccaaaat	tttaatccag	agctttcatt	agatgacata	tcagagaaaa	ttaaagttgag	120
ccatataaac	atgtctcttt	tagccagaaa	tataatttag	attcaataact	cttttataaa	180
ctgagggttt	attactatct	atctcattac	tgaagtccta	aattaaagca	ataagatctt	240
tgtgtgtgta	tatatgttgg	atgtgttgac	acataagtac	atatgttatg	ttgtatgact	300
tgtctatata	gtaaattttg	gcatagttgg	ccagaaatg			339

<210> 2005

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2005

cacttcgggc	tcccaaagtg	ctgggattac	aggtgtgaac	caccgcaacc	gacttaacct	60
cttttcatta	taaattaccg	agtctcaggt	atztatctat	agccgtgcat	taacacagtg	120
tctggctctg	tcaccaggg	agaagacagt	gatgagatca	tagctcacca	ctatggcctt	180
gacctcctgc	actcaagtga	ttctcccacc	ttagcctccc	aagacctggg	atgacaggtg	240
cccactgcac	aactgggtaa	attctttttt	ctattttaaac	agcagggggt	tactatgaga	300
cccagcctcg	tctgcaactc	tggggccaag	taatcatacc	gcg		343

<210> 2006

<211> 329

<212> DNA

<213> Homo sapiens

<400> 2006

tatttcctaga	caaaaacctt	actattataa	atatgtcaat	tctaaacaaa	ttgattgata	60
aattaaatat	aatgtcaatc	aaaatcctaa	cagacttttt	tgaaactcaa	caagcggatt	120
ctaaaatgtg	tatggaaagg	cagaaagaca	agaatagcca	aggcactctt	aaaaaagaag	180
aacaggctgg	gcatgggtgg	tcacacctgt	aatcctagta	ccttggggagg	ccaaagtggg	240
aagatagctt	gaggccaaga	atttgagata	agcctaggca	agacagtgag	actctgtttc	300

cacaaaaatt taaaaactag ccgggcatg

329

<210> 2007

<211> 332

<212> DNA

<213> Homo sapiens

<400> 2007

aattcacaca	cacccaagca	gacacacact	acaaaatata	catgcacata	tgtaatagaa	60
aacctgtct	tacatattat	taattcccc	aatttgtgaa	aagacagttt	tttaattgtg	120
aataattcag	agttgttctt	atggacaagt	ccatgaaaat	tgcttctact	ttttgttaac	180
tttcatcagc	ttttcatttc	tgctcttaat	tttctatggt	cttaaaaaat	acataaataa	240
accacttcaa	attgtttcca	aacaggctgg	gagagggtggc	tcacaccagt	aatcccagta	300
ctttggaagg	ccaagacagg	tggatcatct	gg			332

<210> 2008

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2008

ccctctgaag	acttggagtt	ctggatgggc	ctgagggtgg	gggaggcctg	ttagaagatt	60
ttatTTTTTT	cgTTTTcctt	tttctTTTT	gtgcagaacg	gagtcgcact	aagttgcccc	120
ggccggtctc	caactcctgg	gctcaagtga	ccctcccgcc	tcagcttctt	gaagtgctag	180
gaagtgaagt	atgatcgtgc	cactccattc	tggcctgggt	gacagagtga	gacccctgtg	240
tctatttttaa	aaaggaagct	agtggctgag	caccgtggct	tacgcctggg	atcccagcat	300
tttggcgagg	tggggcgaaa	gcattcattt	aggtttggga	ccattcctgc	cccc	354

<210> 2009

<211> 163

<212> DNA

<213> Homo sapiens

<400> 2009

cccaggagg	ttggccggac	acagtggtag	tggctcacac	ctgtaatcct	aatgcttttg	60
gagcctgagg	cgggaggacc	ccttgagccc	aagaagtcaa	ggccacaatg	ggctatgatg	120
gtgccactgg	tcttcgggct	gggcagcaaa	acaaaaccct	ggc		163

<210> 2010

<211> 392

<212> DNA

<213> Homo sapiens

<400> 2010

ggcacgaggc	cagtcaggat	ggtttgctcc	agcacctgct	accgggcaga	gacaaacacg	60
ggacaggaac	cccgggggct	gtatcgagta	caccacttca	ccaaggtgga	gatgtttggg	120
gtgacaggcc	ctgggctgga	gcagagctca	cagctgctgg	aggagtccct	gtcccttcag	180
atggagatct	tgacagagct	gggcttgac	ttccgggtcc	tggatatgcc	cacccaagaa	240
ctgggcctcc	ccgcctaccg	caagtttgac	attgaggcct	ggatgccagg	ccgaggccgc	300
tttgagaggg	tcaccagtgc	ttccaactgc	acagacttcc	agagccgccg	cctccacatc	360
atgttccaga	ccgaggctgg	ggagctgcag	tt			392

<210> 2011

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2011
 cggttggtgt cgcagcccat tcatgtccac cgaagtctta tegtactaca ctactccatg 60
 tcatcgcatc ccaccaggca tgccaacgca ttcattccagg cgaccaccca ggcatgtacc 120
 cactcaccta tccaccacac cacttaccta tttgtcaccc atccacccat ccatccatcc 180
 aatcacccat ccaaccatca atccaacat tttcatctga tcatttttoga tccatctacc 240
 cgtccaccca ttcactactc catccaccta cctatccatt tatcagccat ttacccatcc 300
 atccatctat ccatgcagat gtttattgag cacctgtgtg ctgggtccta tttgggagcc 360
 ttgttaacca ccaagacctt cctaggccat attgtggta 399

<210> 2012
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 2012
 actacgactg cgacatgacg acagacaggg acgctgttag ccacaccctc actcataagc 60
 agtgccgaaa aggcttcatt cgagacctgt gggatggcat tgctttaatc atagccataa 120
 tacactgcta taaaactgct ttccacctca cgcgcactcc ttttatgttt cagcttcgcg 180
 gctaggcaac ttaagtcaat tcctgtcttc cgctcagggc tagagggcga gcgcttcgcc 240
 gtgggacttc ttctgcctgg ctccgcctct tgccccgga gtactcacag cgtacgggtg 300
 gtattggggc cgtttctgag cagcgcttcc tttttgtccg acatcttgac gaggtgag 359

<210> 2013
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 2013
 aggctgcagt gagctatgat catggtactc cattctggcc tgggtgacag agtgagaccc 60
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 tggaagtaaa caatgatcaa tgccaggcac ggtgggtcag gcctataatc ccagcacttt 180
 gggaagccaa ggcaggagga tcgcttgggt ccaggagttc cagactagcc tgagcagcac 240
 agcaaaaatc tctacaaaaa aaaaaaaacc ccagcccggtt ttaaggggtt aacccttgaa 300
 atccaacatc ttggggaggt tgaggcgggg ggaaaaccgg agga 344

<210> 2014
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 2014
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 atgtaagatt tttggctctc acataagtta aactggcctg actagcaaat gcatgtaagt 120
 ttttttaata tatatataac tcagggcttc gcttttaatt ctaaataagt cattatggaa 180
 ataaaatcta tttatttagt agatcaagat aatattctca gttgggcatg gtggcacatc 240
 tataatctca actactcagg aggcaggtgg gaggactgtt ggagcccagg agttcaagac 300
 cagactaggc aacatagtga ggccctgtct cattaaaaa a 341

<210> 2015
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 2015
 atcattagat tggagagccg ccaaacacct aaactatatg aagctaaagt ctgtttaaga 60
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 caaggtgggt ggatcatgag gtcaggagat cgagaccatc ctggctagca tggatgaagc 180

ccgtctctac	taaaaatacg	aaaaaataat	tggccggg	tggtggcg	ttcctgtggt	240
cccagctact	caggaggtg	aggcaggaga	atggcatgaa	cccaggaggt	ggagcttgca	300
gtgagccgcg	attgcgccac	tgactccag	cctgggcgac	ag		342

<210> 2016
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 2016						
agcctgggca	acagagtaag	actctgtctc	aaaaaaaaat	aaaaaaaaaa	aaagggaaag	60
aaaaaccca	attgataaat	ttaccaaaaa	aggacattaa	ccggatttta	ctttacttat	120
ggccaaaagg	gaaaaaaaaa	acataggctt	taagggaaaa	cttgattgtt	gtaaaaaaaa	180
ttaaaaaaaa	gccaaataaa	acttttaggg	ataaacccgg	ccgggggggg	cccatccctg	240
aagccccacc	tatttgggag	gctaggcgga	aaaattgttt	aaaccagga	gggggggggt	300
acaaagagcg	gggatcggcc	cattgcactc	caccctggca			340

<210> 2017
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 2017						
ggcagaaatc	aaaagcacccg	accagatagg	aaaaaacag	acaaattaga	cttcaacaaa	60
actaaacatt	cgtgctcctc	aagaggaact	tttaggccag	gcgcagtggc	tcatgactgt	120
aatcctagca	ctttaggagg	ccggggcggg	tggtacacga	ggtcaggagt	tcaagaccag	180
cctggccaag	atggtgaaac	cctttctcta	ctaaaaatac	aaaaattagc	cgggccccagc	240
tggtgtcggt	ggctcacacc	tgtaatcctt	gcact			275

<210> 2018
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 2018						
agggttttatc	acatgggtag	actcaagtac	ccatgtgata	aaatgtcaca	gaactatata	60
ccaaaacaaa	tagacaaaaa	gagtgcacgt	atatacctggc	gaaatccaaa	taatatactgc	120
acctgagtta	acagtattat	tgcatacacag	tcacttttct	ggctttggcc	atttactatg	180
gttatataac	attattattg	gaagaagtta	gctaaagagt	atatggggac	tttatactat	240
aattttttgca	actcttgtgt	agtctctaac	tggttagtgt	gaaatagttc	tgccacctct	300
gacgcaccac	tgtaa					316

<210> 2019
 <211> 312
 <212> DNA
 <213> Homo sapiens

<400> 2019						
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ctccccatcc	cacctactcg	gggggttgag	ccaggaaaaat	ccttcgaccc	cggaaggcaa	180
aggtggcaag	ggcccacaat	ggtcccacgg	ccctccaccc	tggggggacaa	accaaaattc	240
cctctcacac	aacgagagaa	ggaaaactaa	aggaaatccc	ccggaacccc	ccgtgaaagg	300
ccggaaagcc	cc					312

<210> 2020
 <211> 329

<212> DNA
<213> Homo sapiens

<400> 2020
gcacgcacac acacacacac acacacacac acacacggta ttgaaactag aattctttca 60
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ttccagtgtg agacagttga aaatatttgg ctgtgaccag caacaaaagg caaacaagtg 180
tcaaaaagggt ctttgctatt gtaaggagat tctcttttac tgatctaaac aaaaggctct 240
tctcacttct ctatttccca tcctggcgca ttaaccattt atattttaatt aagcccttct 300
tatattttctc aaacagcagt atttatgct 329

<210> 2021
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 2021
gagaattgct tgaacccggg aggcagaggt ggcaagtgcg cgagattgag ccactgcact 60
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accccgggcc cggaactaa accctgaaac ccaagaattt gggggggccg ggggggggga 180
ataacaaggc ggggatttaa aaaccacccg gtttaagggg aaaccccat ttttaataaaa 240
aaaacaaaaa taagtggggg gggggggagg cccctggat cccaattcc tcggaaggct 300
ggggcaaaaa aatccttgaa ccccgggggg cggggggttc agagacccaa aatggcccca 360
ttgaactcaa gtggg 375

<210> 2022
<211> 382
<212> DNA
<213> Homo sapiens

<400> 2022
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caggggggca aagataaaaag ttaattggaa cctttgcctc ccagggttaa gggattcccc 180
ggctttaatt tcccaaggcg gggggattaa ggggaggggc ccttaccccc ggggtgtttt 240
tttttttggg gaaaaacggg gtttttcctt tggggcaagg gtggttttgg gttccccacc 300
cggggggaat aacctttttt ggcccccaa agggggggga atataggggg gggccctggg 360
ccccaacctt ttttttaaaa tt 382

<210> 2023
<211> 349
<212> DNA
<213> Homo sapiens

<400> 2023
gcgcgcaggc tgcgcagtcg cgccggcgac cacacctaaa tagccgcagc ctctgcgcgt 60
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gocgatcctc gcgtgagaca gatcaagatc aagaccggcg tggagaagcg gccggacaaa 180
gaatatttgc tgatgatttt ctaggcatat atgttggtga atccattgta aaatggacct 240
tggtgcccgg tgagtatagg aataaacccg gctgaaaaaa tacgtggctt aaaacatgtc 300
tgtttagttt agacgggtcg aatttcaata agctcttctc ggggtctcc 349

<210> 2024
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 2024	
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tcctcctttc ataagcaaag gcacagtttc ttttcttgta agagatgggc taggttgtgt	180
agattgagct ttctaataaa aacaactaaa agtggtgaat aaaaatgtct taaaaacatc	240
gaaaagttaa cacggtagaa atgaaattgg gaactcagat aagctgaacg tggaaactgc	300
ttttgccttg cgaacatttg ctcaactaag tgaacttgaa ctttggttt	349

<210> 2025
 <211> 352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 2025	
actacttgct atgtatgttc ccctagctgc atttgaaccc ctgggttcaa gtgatcctcc	60
cacttcagcc tccccggtag ctgggactat aggtgcatgg caccgggcct ggctgttcac	120
tcctcctttc ataagcaaag gcacagtttc ttttcttgta agagatgggc taggttgtgt	180
agattgagct ttctaataaa aacaactaaa agtggtgaat aaaaatgtct taaaaacatc	240
gaaaagttaa cacggtagaa atgaaattgg gaactcagat aagctgaacg tggaaactgc	300
ttttgccttg cgaacatttg ctcaactaag tgaacttgaa ctttgggttt gn	352

<210> 2026
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 2026	
ggcactggag gaagataact caaaataaga ggcagctatg acaatccac agcaaacatc	60
atactgaatg gggttaaagct ggaagcattc ctctaagga ctgaaagaag acaagaatgt	120
tcactcacac catgcttatt caacatagca ctggaagtct tagccagaac aattagtcaa	180
agaaagaaat agacatccaa attggaaaaa aggaagtcaa attatctctc ttcactgacg	240
atatgattct atacctagaa atactaaaga ttctgccaaa tctcaggata caaggattag	300
cttacaaaag ttaatagcat ttccatacac caataactaa gctgag	346

<210> 2027
 <211> 347
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 2027	
gctcttcaag taaatactac tgatttgtca ccaaaggagg tcaactccaa ggaaagcttt	60
gcatttaaag cagaaaatat ctcagaagaa aatgcaaccc acatatttat tgccattaaa	120

agtatagata	aaagcaattt	gacatcaaaa	gtatccaaca	ttgcacaagt	aactttgttt	180
atccctcaag	caaatcctga	tgacattgat	cctacaccta	ctcctactcc	tactcctact	240
cctgataaaa	gtcataattc	tggagttaat	atttctacgc	tggtattgtc	tgtgattggg	300
tctgttgga	ttgttaactt	tattttaagt	accaccattt	gaacctn		347

<210> 2028

<211> 389

<212> DNA

<213> Homo sapiens

<400> 2028

cgttgctgtc	ggtcggagag	ccagcgggact	ctgacaagcg	tcatgccagt	gacttcgccc	60
tgtggaaggc	ggacaaaccc	caggaggtgt	tctgggcctc	tccttgggga	cccgggaggc	120
cgggctggca	catctagtgc	tctgccatcg	ctagtatggt	atttggaagt	caactggata	180
tccattcaag	tgggatatag	ttagcttttc	cacatcatga	gaacgaaatt	gcacagtgcg	240
aagtctttca	tcagcgcgag	cagtggggaa	attattttct	gcattctggg	catttgcacg	300
ccaaaggcaa	agaacaaaaa	atgtgccaat	cattaaagaa	ctacgttact	attaaggact	360
ttctgaagac	cttttcccc	gatgtctta				389

<210> 2029

<211> 189

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(189)

<223> n = A,T,C or G

<400> 2029

gacccactac	ctaaaaaatc	ccaaacatat	aactgaactc	ctcacaccca	attggaccag	60
gnnggaagnn	aaaagaaaaa	ggaaaagggg	gcggtttttt	tcggaaaccc	caacttggaa	120
aaaacctttg	gggggggtggg	cacacccccca	ttttaagggg	ggggaaaaaa	tttttttttt	180
tgggaattg						189

<210> 2030

<211> 215

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 2030

tacggttgct	agaggacgac	ggatgggctg	atgccaattt	ttctgggaga	gccacttta	60
aaaccccta	taccagagga	gctacctaag	aacaggtttc	nagagcacac	cccgtctatg	120
tactcacaat	agcggggaga	atttataggt	tgaggctgac	aaaccttccc	agcctggggg	180
atttctgggt	ttgccaaaat	agaactctta	gttcn			215

<210> 2031

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 2031
 cggttttataa aagccttggg ttccaaccag gcagtagatg tgcttctgaa cgcgaaggag 60
 caaacactga aataaaatag tttatttttc acactcaaaa aaaaaaaaaa aaaacctccg 120
 ggggcccgttt tttccgtaaa cccaaacttg aaaaaaccct tggaggagtt gggccaaccc 180
 ccacctaaag ggcgggggaaa aaagggcttt tttggggaaa ttggggaggc tttgggttta 240
 ttggaaccca ttataggcgg caaaaaacag gtaaccacca ccaatggctt tctttttatg 300
 ttccgggttc gggggggggg ggggggggtgt tannccccc ccccccncnc ccccccncnc 360
 ccccccncnc cncaccccn ccccccccn 390

<210> 2032
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 2032
 cgttgctgtc gcacggtttt gttttgttgc ccaggctgga gtgcaggggt gcaatcgaag 60
 ctcaactgcag cctcgaccac ctgggctcgg gtgatcctcc tgctcagcc tcccagtatc 120
 tgtggccaca agcacacccc accatgccc tttaatTTTT taagggattt cttgtacata 180
 tgggggtctca ctatgctgcc cacgctggac ttgaactcct ggccaccaag gggagctcct 240
 atctcggact ccggaggggc tatgattacc cgtagataga catttacttt aggaagaggc 300
 tcttaaaggc aataaaacgc ttcccatcca agagaatcac gctgcaatcc tggggccacag 360
 agcttttttaa aaaatcgatg cctgaccttc aacg 394

<210> 2033
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 2033
 tacggctgct acaatatcac agaagggtcg gtcttgaact gctgggctga agggatcagc 60
 tgggtcttgg ctcccaaaag gctgggggta caggcatgag ccatgggtacc ccgccaagtg 120
 aactattaat acacacaacc tggatacatc tcaagagaat tatgctgagt gaaaaaacag 180
 acaacacaca tacggccacc taatttatga ctaagggata ctgcagccaa ctaaaggaag 240
 ttatcttcaa taaatgggtg tgtgtcaact gaatatatat atagaagtat ataaatcttg 300
 atttctactt cgtataaaca aaaaagatct aatttctaata tatagacctc ataaacttaa 360
 ggaagaaaca ataaaactta tggaagaaaa catacgagaa tatn 404

<210> 2034
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 2034

ctggatgtca	gcaagaatgg	aatacaggag	tttccagaaa	atataaaaaa	ttgtaaagtt	60
ttgacaattg	tggaggccag	tgtaaaccct	atttccaagt	aagttctcag	gctccctgat	120
ggatttttctc	agctgttaaa	cctaaccocag	ttgtatctga	atgatgcttt	tcttgagttc	180
ttgccagcaa	atthttggcag	attaactaaa	ctccaaatat	tagagcttag	agaaaaccag	240
ttaaaaatgt	tgcctaagta	agtaaagggtg	ctattcttta	aaaaacttaa	tttataattt	300
ttaatgatta	agtctttana	aatgtaaatt	tttattacct	anaatgtggt	gcg	353

<210> 2035

<211> 367

<212> DNA

<213> Homo sapiens

<400> 2035

gtgcgtccgt	cgattgagat	ttgaogacag	acaggggtccc	gtgtgtttgct	gccacagcta	60
cagttcagtg	acaagaaaagc	tatatctgta	atggctgtga	tgcgattgct	ttatttggtg	120
cctgtattct	ctgcactttg	cgaaccgacg	ccgacagttg	cattgatttc	atgatttagg	180
taccgaccaa	gggtgtgcgaa	gttcaggact	ctgtctctcc	acccctcata	taaaagaaaa	240
aaggaaaaggc	atgactctga	gggtaattct	aggaaggcat	gtgggggtggg	aaaaggagcc	300
agcgggtgtga	ttaaagaatg	acatggtact	agaggggatgc	agatctagat	aatattgaaa	360
ggccagg						367

<210> 2036

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2036

tacgggttgcg	agaatacgac	agaaggggctg	gatgtcagca	agaatggaat	acaggagttt	60
ccagaaaata	taaaaaattg	taaagttttg	acaattgttg	aggccagtg	aaaccctatt	120
tccaagtaag	ttctcaggct	ccctgatgga	ttttctcagc	tgttaaacct	aaccagttg	180
tatctgaatg	atgcttttct	tgagttcttg	ccagcaaatt	ttggcagatt	aactaaactc	240
caaataattag	agcttagaga	aaaccagtta	aaaatgttgc	ctaagtaagt	aaagggtgcta	300
ttctttaaaa	aacttaattt	ataattttta	atgattaagt	ctttaaaaa	gtaaattttt	360
attacctana	atgtggtgca	an				382

<210> 2037

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2037

cgttgctgtc	gggaatgccc	ttggcagcct	gcccaggaa	gctgccaggc	agaactatgt	60
ggatttggtg	tccagtttga	gtccttcatt	ggaatcctct	agtcagggtg	agcctggaac	120
agacaggaaa	tcaactgggt	ttgaaactct	ggtggtgacc	tccgaagatg	gcatcacaaa	180
gatcatgttc	aacoggccca	aaaagaaaaa	tgccataaac	actgagatgt	atcatgaaa	240
tatgcgtgca	cttaaagctg	ccagcaagga	tgactcaatc	atcactgttt	taacaggaaa	300
tggtgactat	tacagtagtg	ggaatgatct	gactaacttc	actgatattc	cccctgggtg	360
agtagaggag	aaagctaaaa	ataatg				386

<210> 2038

<211> 323

<212> DNA

<213> Homo sapiens

<400> 2038

aggtaactga	atccaacaac	atatcaaaaa	gataatccat	catgtgatca	agtggggttc	60
ataccagga	tgagaggatg	gtttaacata	cacaaatcaa	taaatgtgac	acaccacata	120
aacagaatta	aaaacaaaaa	tcacatgac	atctcaacag	atgcagaaaa	agcattcaac	180
aaatccagca	tccctctatg	attaaaactc	tcagcaaaat	tggcatataa	gggacatacc	240
tcaatgtaat	aaaagccaac	agccaacata	atactgaata	gggaaaagtt	gaaaacattc	300
cctcttagaa	cttgaacaag	aca				323

<210> 2039

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2039

gtatacctgg	actttataga	aagtattaaa	cttgtatcta	ttactttata	aagcagggca	60
ctgaatatat	tgagagagaa	taocagctag	aaactttaag	aatataacat	ctttttggaa	120
acaacaatgt	ttattttaa	aattatttac	catgaccaag	tggtatttat	cccaggaatg	180
caagggtggt	tcaacacaag	aaaatcaatt	gatgaaatat	atcacattaa	tggaagaaaa	240
aacatatata	tcattctaac	tgatgcaaaa	aatatatattg	acaaaattca	gcactctatc	300
agaaaaacct	ttagaaaaan					319

<210> 2040

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2040

cgttgctgtc	ggcttcctaa	ccatcgagat	taccagcaat	gtgcagtacc	tgaaaagcag	60
gatattatga	agaaactgaa	ggagattgca	ttcccaagga	cagatgaatt	gaaaaacgac	120
cttttaaaga	aatataacgt	agaataccaa	gaatatattgc	aaagcaaaaa	caaataataa	180
gctgaaattc	tcaaaaaaatt	ggagcatcag	agattgatag	aggcagaaaag	gaagcggatt	240
gctcagatgc	gccagcagca	gctagaatcg	gagcagtttc	tgtttttcga	agatcaactc	300
aagaagcaag	agttagcccg	aggtaaatg	cgaagtcagc	aaacctcagg	gctgtcagag	360
cagattgatg	ggagcgcttt	gtcctg				386

<210> 2041

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2041

attctccgta	ttcaccttct	gtctctccag	tttgggggca	gctgtttgac	ctgtgactta	60
acttctctta	cagatctaag	aaaagttggt	gattttttcag	tttgtttagc	tttttacttg	120
ctcttaagat	tgagtgcag	attttttttt	gcattttttt	attgcgataa	aatgtattaa	180
tacaaaacat	ttatcattta	cgtgtacagt	tctgtggcat	tagatacatt	cacactgtgc	240
aattaggact	cttaaaagga	aaaagtcaca	tactgttaga	agggtcatat	aaggctttat	300
agaaaggatt	tttaagatga	gcttctatat	atcaattagg	agaacatttc	agtagaact	359

<210> 2042

<211> 354

<212> DNA
<213> Homo sapiens

<400> 2042
atacaaaaaa ttagccaggg gtggtggtgc acacctggag tcccagctac tcaggaagct 60
gaggtgggag gatcacctga gcctggggag gtcaagactg cattgagcca tgatcctgcc 120
actgcactcc agcctgggtg acagagcaag actccatctc aaaaaaaaaa aagcaggtaa 180
aaaaaaattt tttttgtata aagccaaaaa tatataaaag ggcaaaaata ggcggggggg 240
gggggctacc cctgaaaccc caccattttg gaaggccagg gggggcaaat cacgaggccg 300
ggaaattgaa accatcctgg ttaacagggg gaaaccccg ctttactaaa aaaa 354

<210> 2043
<211> 402
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 2043
ggcacgagag gggctggatg cctttcatcc caactattct ctgtggtatg aaaaagaaaa 60
aaaaaaaaaa aaagggatcc gggcccggcc gggggggttc acccctgtat tcccaccttt 120
ttggaaaacc aagtcgggca ttcttttgaa gtctgggagt aaaaaccacc cggcccaact 180
ggggaaaagc ttgttttttt taaaaaaaca aaatttacc ggccgggggg gggggccct 240
gtattcccag gtttttgggg ggactgaaac agaaaaatcc ttccaccccg gggggggggg 300
gttgcataaa ttcaaaaagg ccccttggg ctccaccctg ggggacaaag cgaaactcct 360
tttaaaaaaa aaaagggatc ggccaaaaaa ccccggggg tn 402

<210> 2044
<211> 331
<212> DNA
<213> Homo sapiens

<400> 2044
tgctggccac accagcccc tttcacctcc agtgccacaa taaacctgta cccagctgtg 60
tcttgtgtgc ccttccctg tgcatacgga ggggcagaat ttgaggcacg tggcaggggtg 120
gagagtaaga tggttttctt gggctggcca tctgggtggt cctcgtgatg cagacatggc 180
gggctcatgg ttagtgagg aggtacaggc gagaccccat gtgccaggcc cggtgcccac 240
agacatgagg ggagccactg gtctggcctg gcttgagggt tagagaagg tagttaggaa 300
gggtagttag catggtggct catgcctgtg g 331

<210> 2045
<211> 313
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 2045
ttgtttgcag aataaaacttc agtgttatac tcggcttaat catttgcata aagtgtacca 60
agaataatta ttttcacata ggctttttaa attggctctg atggaattct attccatacg 120
gaatctcaga taagactggt tttttttgag ttggagtttt gctcttgta cccaggcttg 180

agtgcagnnn	cnnnnnnntn	nnttantnnn	nnctnnncc	tnttnactca	attgatectc	240
ccacctcatc	ctccccaata	actttttacan	cctttccata	ccaccactcc	tttttaattt	300
aaaaaaaaat	ttt					313

<210> 2046

<211> 324

<212> DNA

<213> Homo sapiens

<400> 2046

aggctggtgt	gcactggtgc	gatctcggat	cactgtaacc	tctgcctcca	gggttcaagc	60
aattctctgc	ctcagcctcc	cgaggagctg	ggattatagg	cgcccaccac	catgccccgc	120
taactttttg	tatttttagt	atagatgggg	cgtcaccatc	ttgtccaggc	cggtatagaa	180
cttctgtcct	cctggggacc	caaaatgggc	tcctaaaaaa	ggagggtttg	gacctgatgt	240
ccagggtttt	ttgaaggtgt	gggactgccg	cgccccccct	ccaccggggc	cagtattttt	300
gtttaaaaat	ataaacggtg	cgcc				324

<210> 2047

<211> 398

<212> DNA

<213> Homo sapiens

<400> 2047

ggcgggatgg	aggcggcggc	cgagccttta	tattttgtcc	ggcgtcaggc	acatcatcct	60
ggtcctgtca	ggaaaagggg	gcgttgggaa	aagcaccatc	tccacggagc	tggccctggc	120
actgcgccat	gcaggcaaga	aggtgggaat	cctggatgtg	gacctgtgtg	gccccagtat	180
ccccgcgatg	ctcggggcgc	agggcagggc	tgtgcaccag	tgcgaccgcg	gctgggcacc	240
cgtcttcctg	gaccgggagc	agagcatctc	gctcatgtct	gtgggcttcc	tgctggagaa	300
gccggacgag	gccgtggtgt	ggagaggccc	caagaaaaac	gcgctgataa	agcaggttgt	360
gtccgacgtg	gcctgggggg	agctggacta	cctggtgg			398

<210> 2048

<211> 360

<212> DNA

<213> Homo sapiens

<400> 2048

actatcgatt	gcgagacgac	gacagacggg	gatcagctctg	ttcctaccac	acttctgggg	60
ccataacgaa	atggctgcat	gagtgaagac	tgtgatgcta	tcgctctata	ccaaaccatt	120
atgatctgca	ataatctggt	tagcaaccac	agttgcgttc	atthttgtgt	ttatggtact	180
aggggtggcg	tggaaagatc	acgataacat	ccagaattgg	catctcttct	ttacgtttag	240
atgaactaga	ggagcgcgag	catacacatt	caaaagctag	cagaaggcaa	gaaataacta	300
aaatcagagc	agaactgaag	gaaatagaga	cacaaaaaac	ccttcaaaaa	attaatgaat	360

<210> 2049

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2049

ccaaagtgtc	gggattacag	gtgtgagcaa	ccacaccccg	gcctcatgct	ataacttttt	60
tttttttttt	taaaaaaagc	ctcactttgt	acccaaggct	gaagggggta	ggggaataaa	120
gggggttaat	tgaacctttt	gcctccgggg	ttaaagggaat	tttccggcct	aaccctcctg	180
agaagctgga	actacagggg	cctgccacca	acccgggtta	atthttttgt	tttttaagaa	240
aaaacggggt	ttaaccacgt	gtggaaggcg	ggtttcaaac	aactgacctc	aggggatcca	300
cccacctggg	cct					313

<210> 2050

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2050

actgtggatc	tgtccccagg	tttggtctggg	ggtttggttt	ttagtagaga	tgagggtctca	60
ctatgtttctc	aaactcctgg	gctcaagtga	tcctcccacc	ttggccccct	aaagtgtctag	120
gattataggt	gtgagccact	gcatttgggc	gccgtgaaaa	gctttgagaa	ggctaacgga	180
aaagcaagg	agagccctgg	gcacacagcc	ccctcgagga	ggcaggtagg	gccccacctc	240
acgggtgtggg	tcacagagct	ttactccctg	catttccagc	catgaggggt	tggggggccat	300
ccacccatca	gatactggtt	aggaaggtga	tcacggctca	gtgcaaggga	ct	352

<210> 2051

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2051

actgtggatc	tgtccccagg	tttggtctggg	ggtttggttt	ttagtagaga	tgagggtctca	60
ctatgtttctc	aaactcctgg	gctcaagtga	tcctcccacc	ttggccccct	aaagtgtctag	120
gattataggt	gtgagccact	gcatttgggc	gccgtgaaaa	gctttgagaa	ggctaacgga	180
aaagcaagg	agagccctgg	gcacacagcc	ccctcgagga	ggcaggtagg	gccccacctc	240
acgggtgtggg	tcacagagct	ttactccctg	catttccagc	catgtgggtt	tggggggccat	300
ccacccatca	gatactggtt	aggaaggtga	tcagggtca	gtgcaaggga	ag	352

<210> 2052

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 2052

ctcatcatgg	ttaaagacttt	atatgaaaaa	ttcacagcta	acatcacatt	caattatgaa	60
atgatgaaag	catttcccct	aagattaata	acagggcaag	ggtgtctact	atcctcactt	120
atatttaaca	taatattgaa	agttctagcc	agagaaattg	ggcaaaaaaa	aaaaaaaaaa	180
aaaattgggg	gggggttttt	tcggaaaatc	cagcctggaa	aaaatccttg	gggggtgtgg	240
gcccccccc	cttaggaggg	ggggaaaaaa	gggtt			275

<210> 2053

<211> 384

<212> DNA

<213> Homo sapiens

<400> 2053

gaagacttac	ttaccctaag	tatatatgca	cccaacattg	gagctcccag	gtttataaaa	60
caattacttc	taaacccagg	aagagactta	gtcacacaac	aacagtgagg	aacttcaata	120
ccccactgac	agcattagac	agatcatcaa	gttataaaac	taacaaagaa	attctggact	180
taaaaattga	acacttaacc	aataggacct	tataaatata	taaagaatat	tccaccaaac	240
aaccacagaa	tataaattat	tcttatctgc	acatgaaacg	tactctaaga	tcaaccacat	300
attcattcat	aaaaaagcct	caataaattc	aaaaaaattg	aaattttaac	aagcatattc	360
tccaaccaca	ggggaattaa	aata				384

<210> 2054

<211> 332

<212> DNA

<213> Homo sapiens

<400> 2054

tgtgtggtgg	cggcaccgct	cacaaacacc	cccactccgg	ccgcccgaca	gtctgaacag	60
ctcagagttg	aaccggcagc	gtcgggcatg	ctggttgag	gagcaggcta	ggagcaaat	120
gggggtgggg	cgcacaggg	cagagtgtgc	tgctccccag	tcctcagctt	tcttcccatg	180
gccctgccct	catgaaagga	agccgtgagt	gtccaaggta	gaagagaatg	cctgggtccc	240
aggacacctc	tattattatc	tttttttttg	agacggagac	tcactctgtc	accagggtg	300
gagccgaata	ttttttttgcc	aattctgtta	cg			332

<210> 2055

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 2055

cgttgctgtc	ggtctgatgt	tggcctaggg	aagggacggt	actacagtgt	aaatgtgccc	60
attcaggatg	gcatacaaga	tgaaaaatat	taccagatct	gtgaaagtgt	actaaaggaa	120
gtataccaag	cctttaatcc	caaagcagtg	gtcttacagc	tgggagctga	cacaatagct	180
ggggatccca	tgtgtccctt	taacatgact	ccagtgggaa	ttggcaagtg	tcttaagtac	240
atccttcaat	ggcagttggc	aacactcatt	ttgggaggag	gaggctataa	ccttgccaac	300
acggctcgat	gctggacata	cttgaccggg	gtcatcctag	ggaaaacact	atcctctgag	360
atcccagatc	atgagttttt	cacagcn				387

<210> 2056

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2056

tgggacaaca	ggggctcacc	accacaccca	gctagttttt	tctgtagttt	tattagagaa	60
gtggttttat	cgtgtaggcc	aggggggtct	caaacttctg	gtctcagggtg	atccacccat	120
ctcagccttc	caaagtactt	ggattacagg	agtggccacc	acgcccacc	tacacatagc	180
tctttttttt	tttttttttc	aagaaaaaaa	tttttttttg	tcccccaggt	gcaggaagat	240
ggtttttttg	ggtacaccag	aatctttttt	tccagggttt	aagccagtat	ggaggccgat	300
atctttgggt	gcgcggggta	tacacacgaa	ctgtccaaac	ccgggtgtgat	tgttggtctt	360
acaaaagatg	ctggagcata	t				381

<210> 2057

<211> 399

<212> DNA

<213> Homo sapiens

<400> 2057

cgttgctgtc	gacggttttc	ctgccttagt	ctccctagac	gctgagactg	ccggcatgtg	60
ccaccacgtc	cagctaatac	tttgcgcttc	tagaagacat	ggggttactc	cctgtatttg	120
aggctggtct	gagagctcct	gacctatttg	gaccagtcca	cctctgcctc	ccaaagggct	180
cggaaacaag	cgtcgatcct	tctatgcctg	accgacaacc	ttatgtctta	gcctgagttc	240
ctcagcctta	atgtgagatc	ctcaaactgt	tgacatacta	attaatatgt	atctactgag	300

actgagaaag acactaattt ctttctaaat catgaagatt tactgattat cttatatgta	360
aaacattttta gcctatatgt tggaatctgg agccaatga	399

<210> 2058
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 2058	
tggaaccagc aaagcatgaa aggtttaaga cacttcatca gttggggtttt cttgccttga	60
aaaaggggga atagaaaatg atttggtaag cactccctct ttcacttctt ttggaaggga	120
ttgggcacaaa taagtattat ttcctcctca tatacgtaga attagttttt ttgggtttttt	180
gtttgtttgt ttttgagaca gagtttttga gactctgtca cccaggtggg agtgcaagggt	240
cgcgatcttt gctcactggg ttctctgect cccaggtaca agcgattttt ctgtcttata	300
ccccgagta tctatgaatg atatttgtct gccct	335

<210> 2059
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 2059	
ggattcctta aaccttgagc cttggagggt gaggtgaag tgagccaaga tcacaccact	60
gcattccatc ctatgtgaca gagttagaca ctgtctccaa aaataaaaata aagatttaat	120
caaaataaaa tatgtacat aaaaatcaag gaagaccatg tggccatata aaaacacaaa	180
gccaggcact gtggctcatg cctataatcc caacactttg ggaggctgac gcagatggat	240
tacttgagat caggagtcca agaccagcct ggccaatata ctaaaacccc gtgtctacta	300
aaaatacaaa aaatcagctg ggcgtcgtgg caagtn	336

<210> 2060
 <211> 172
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 2060	
cgttgctgtc gggcttggtc tcagtgaacg caccgtgatg tgcaggccgg gaggtatagg	60
caggctgatg ggggagggtg gggagggttt tcnacacctn gcaccaaatag ctttatctac	120
tgaagctgcg atgctctagc tatattcaac accattattc gttacattat at	172

<210> 2061
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 2061	
gggcaatctt ttcggattct cttccatgct gtggcagggt agcctcatcc aatttgtgaa	60
agcctgaata gaacaaaagt ctgaccttcc gctgagtaag agagaattct tctgcctga	120

atgccttcac	actgagatat	gggtttttgt	cctgtttttca	gagtagaacc	aaaacattgg	180
ctcttcctgg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaaccaaca	ca				322

<210> 2062
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 2062						
gctttgcac	tgaaactgtc	agccccagaa	tgttgacagc	cgctctccta	gcccttctct	60
gtgcctcagc	ctctggcaat	gccattcagg	ccaggctctc	ctcctatagt	ggagagtatg	120
gaagaggnac	ntaanctctt	gggagctcta	tggccctgcc	cattggctga	caaaccaca	180
tatgtatcca	ggtgacctta	aggcaagctt	gtatcagctg	atgatctctt	aaaagtgcta	240
ccttctgggt	ggaggataac	caacaactag	cacaaccagc	atttcgagaa	aacct	295

<210> 2063
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 2063						
gggcaatctt	ttcggattct	cttccatgct	gtggcagggtg	agcctcatcc	aattttgtgaa	60
agcctgaata	gaacaaaagt	ctgaccctcc	gctgagtaag	agagaattct	tcctgectga	120
atgccttcac	actgagatat	gggtttttgt	cctgtttttca	gagtagaacc	aaaacattgg	180
ctcttcctgg	accttcaacc	taccagcttt	tgaactgaac	ctacaccatt	ggctctcctg	240
gttctcatgc	cttcaaattc	agactgccaa	tatcatactg	aatgggcaaa	agctggaagc	300
attccctttg	aaaaccn					317

<210> 2064
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 2064						
actcagcgtg	gtgtcacgtg	cctggaatcc	caactactcc	ggaggggtgag	gcacaagact	60
cgcttaaacc	tgggaggcag	aggttgcgtg	agccgagaac	atgccactgc	actccagcct	120
gggcaagaga	gtgagactct	gtctcaaaaa	aaaagtttat	atttatatac	acacatatat	180
ttatatactc	acacacacac	gtgcacacac	ttaaaaatgc	caagaaaaaa	attgtaccaa	240
acaatcatga	tctgaatcat	gaagcaaatt	aaaatgtggc	atgattttga	acaagtgatg	300
gagaatacaa	aaagattttga	ttgtgtaaaa	gggttatgat	ttgagattgg	ggaggaaaaa	360
aaacataatc	cctg					374

<210> 2065
 <211> 324
 <212> DNA

<213> Homo sapiens

<400> 2065

aatcccaaca	ctgggcagct	gaggtgggtg	gatcacttga	gcccagaagg	tcgagagacc	60
agcctaggca	acatggtgaa	accccgctct	tactaaaaat	tcaacaataa	aaaaattagc	120
tgggcgtggt	ggcaaggacc	tgtggtccca	gtactcttg	gggctgagg	cgaggagatc	180
aattgagcct	gggaggtcga	ggctgtggtg	agtggtgacc	acaccacttc	actccagccg	240
gggtgacaaa	acaagaaaac	ctgtcacctt	tctgggggac	cctggtttcc	ctggggtaat	300
tcaaaaaatc	ttcccaaaag	ggag				324

<210> 2066

<211> 394

<212> DNA

<213> Homo sapiens

<400> 2066

cgttgctgtc	ggaaaacaag	gggttagatg	ttgcatttca	taaaactaac	cgaagttctg	60
tctactgatg	cagcacaaga	gatgtaaaaa	aaaaaaaaaa	aaaaccccc	cccccgggga	120
aaaacccttt	taaggtttgg	tttggttttt	tttttggggt	tgggtttttg	gtttttttac	180
cccagggaaa	aacctggaaa	aggggcaaaa	cccctttccg	ggtttttttt	ttaagggccc	240
ttttctaaaa	aatagggcca	accgggaatg	gaaaaagggg	gggggggggg	gaaaaaaaaa	300
aaaccttggg	ggttaggggt	ttaaaaaaaa	tttaggccca	ttggttaaaa	aaaccgcaac	360
tttaaaaaaa	aaaaaatccc	ccccccaacc	aacc			394

<210> 2067

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2067

tgctaaaagt	acattgaaga	tagattgccc	catccaacct	cctacatcaa	gggtaaacaa	60
actctttctg	tacgggccag	atggtaagta	tttggggctt	tgtgggccat	atagtttctg	120
ttgatcttac	tcagtgtgtc	cattgtagtg	caaaagcagc	cacagacaat	atgtaaacaa	180
ttgaatgtgg	ctgttttcca	ataaagtgtt	atttacacaa	ccagatttta	ccggtggggt	240
atagtttggt	gaatcatgtc	ctagatcatc	attaggaagt	ggcatggtg		289

<210> 2068

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2068

gtgggttttg	tcattacttt	caacgggaaa	attgcaatta	cttttgtacc	aacttatcat	60
atgaaaaaca	tatttttaat	atcttaaaaa	cttgagcctg	ccatacaaaa	ttgtgtgtgt	120
gtgttgtgtg	tgtgtgtgtg	tgtgcgtgag	tgtgacttaa	gatcatgatt	ttattaccac	180
actgggcatc	attgttaagc	cccatcttca	ctaacagtac	acaattagcc	ccgtgtagag	240
gtggctgcc	gaaatcccat	cctactaagg	aggttgagtg	aagagaatca	cttgaacctg	300
ggatgcaaat	gaaacagtga	gtctagatcg	tgcgactgg			339

<210> 2069

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2069

tatttgtata	atcgctgata	actttccttg	ctttcaagtc	tgccccaact	gaaatgaata	60
caggtactcc	tgctttcttt	tgattagggg	tagcatggta	catctttcct	caccatttta	120

tttttcatct	atatggggtt	ttatatTTaa	aatgagttcc	atctcttcat	gataaaaact	180
gacaacaaac	taggcatcaa	agaaatatat	ctgaaaataa	taagagccat	ctatgacaaa	240
cccacagcca	aaccacatc	atactgaaca	ggcaaaagct	ggaaccattc	tccttgagaa	300
ctggaacaag	acaaggatgt	gtattc				326

<210> 2070
 <211> 132
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 2070						
cgacagaagg	gtaaatggga	ttacttttat	ttctttttca	gattgtccac	ctttggtata	60
tataaatgcc	actgattttt	gtatgtcaat	tttgtatcct	gtaactttac	tgaattttac	120
agttccaata	gn					132

<210> 2071
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 2071						
gctaacaaaa	cacgtacagg	atctctatgc	taaaaattac	aaaacgttga	tgaaaggact	60
aaaagaaaa	ctaaagaaat	ggagagggat	actatgttca	tgttttgaaa	gactcaatgt	120
agtaaagata	cagattttcc	ctaaaccaac	ttataggttt	aattcaatac	ttatcaaaat	180
ctg						183

<210> 2072
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 2072						
gcggggcggat	cacctgaggt	caggagtcca	agtcacgcct	cgccaacgtg	gtgaaacccc	60
atgtctacta	aaaatacaaa	aaaaattagc	cagacatggt	ggcgggcacc	tgtaatccta	120
gctacccgga	aggctgagac	gggaatcact	tgaacctgtg	aagcagaggt	ttcagtgagt	180
ctagattgca	ccattgcact	ctagcctggg	caacagaact	agaccccatc	ttaaaaaaaa	240
aaaaaagggtg	atccccaaaa	aaggggggttt	ttctaaatct	tagtggaag	gccaccatga	300
ttaaagtata	caaacttttt	gaagcaaatt	aaatttttat	ttctttttaat	ccaaagttta	360
aatttgaatt	aaacc					376

<210> 2073
 <211> 438
 <212> DNA
 <213> Homo sapiens

<400> 2073						
tctctttttg	aggatcccat	cgctctaat	tccgttgctg	tcgggcacac	acctgtagtt	60
tcagttttctc	aggaggtga	cgcgaggaga	ttggcttagc	ctgtgaggtg	gaggccacag	120
tgagctgtga	ttgcgccact	gtactccacc	ttgggagaca	gagtgaagacc	ctgtctgaac	180
aacaaaaaag	aattgtggcc	agtcattgta	gtcacatct	gtaatcccaa	cactttggga	240
agctggggcg	agtggattgc	ttgtgggttac	gaggtcagga	tcagcctagg	caacatagca	300
aaaccttgtc	tctctaccaa	caagaaaaag	aaaaagaaaa	aaaattaacc	aagtgtgatg	360

gagcacacct ggtggaaagc cctaactact cggggaggct tatctgggag gaataattgg	420
agccccagag gttttggg	438

<210> 2074
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 2074	
tacggctggtt agaatacgac agaagggagc accttgggag gccagaggca ggaggatcac	60
ttgaggccag gagttcaaga cgggcctggg caacataatg agaaccatc tttacaaaaa	120
aaataaaaatt acattaaaaa ttagctgggc acggtgacgt ctgcctgagg tcacattcaa	180
gaagctgatg tgggaggatc gcttgagccc aggaattgga ggctgcagtg agctaagatc	240
ataccactgc acttcagcct gggcgtcaga gtgagaccct gtttctaaaa taataataat	300
tttaaaaaat gatatttatg gttgcattgg gaaaagatca atctattaat atatgtgaag	360
acatttttgg cctaaa	376

<210> 2075
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 2075	
tacctacttc gattgcgaca tgacaacata cagtgggtgtg tttacccaag ccacgactta	60
aaggcagagg acaagatgct atatttgtga aatgagacat gctatggctt tattagatac	120
cgtactctgc tgcaagacca caatgtacgc atcgacggtg gccttcattt tatgttgacg	180
aatgaatccg acgtatagga agtctttcan gatattatcc aggagaactt cccaaccta	240
gcaaggcagg ccaacattca aattcaggaa ataaagagaa caccacaaag atactccttg	300
agaagagcaa ctccaagaca cacaattgtc agatttacca aggttgaaat gaaggacaaa	360
atgttaa	367

<210> 2076
 <211> 331
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 2076	
ggtaccacta gaaaaatcca cccaaattaa taagagaaaa agaaacaaag aatacataaa	60
gcaagaaaac aaccatacga cagaaacaaa cctgtcatat aatcgacctca aatgcaaata	120
ggttaaattgc tccagaaaca gaacggctga atatatatta aaaacatgat ccaactaaat	180
gctgcttacg agaaactagc cttgtcagta aagacacata tgaaccgaaa ttaaagggat	240
ggaaaaaat attttgtaca aattggaaac caaaagtgc cagaagctac agttatatca	300
gataaaatag actttaagtc aagaaaggta n	331

<210> 2077
 <211> 135
 <212> DNA

<213> Homo sapiens

<400> 2077

aggcgctggt	taaaagaggc	ctaaccctcg	gcttttagatt	tacagtccag	agcttcactc	60
atccatttta	cctgaccccc	aagggttttt	tgggaaaatt	ggggggcggg	gggccttttt	120
ttagcgaaaa	ccagg					135

<210> 2078

<211> 305

<212> DNA

<213> Homo sapiens

<400> 2078

taaccaatag	gccaaagaag	aaataacaag	agaaattaga	aaacacttag	agttaaatta	60
aaatggaaaag	acaacttacc	caaacttaca	ggatatagtt	aagcagtgct	caacaggaaa	120
tttatagctg	taagtgttta	cattaaaaaa	gaaacatctc	aaatcaataa	cctaaattta	180
catcttaagt	aactagaaaa	agaaggcaat	actaaacccc	aaaccagaaa	gaagtaaata	240
aagattaaag	ttaagataaa	taacatagag	aatagaaaaa	ttagagagaa	tcagcaaaac	300
ccaag						305

<210> 2079

<211> 339

<212> DNA

<213> Homo sapiens

<400> 2079

gtctcgctct	attgcccagg	ctggagtgcg	gtggcactat	ctcagctcac	tgcaacctct	60
gcctgctggg	ttcaagcaat	tttcgtgcct	cattctccca	ggtagctgag	attacagatg	120
tgggccacca	caccaggcta	atTTTTgtat	ttttactaga	gacgggggga	tacagggctg	180
gcccgactca	cactgagctg	taagactaca	ggccgggata	caaggtgaac	tacaaggagg	240
tggtggaagc	tcgaaccact	cgataaacac	cacccttgct	ggtagtgggc	attgtgctct	300
cttggaacc	cttgatggct	cccaccttca	aactgcttc			339

<210> 2080

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2080

aacaacctaa	cataaaaact	acaggaagta	gaaaagaaag	agcaaaccac	actcaaagct	60
agcaaaagac	aataaataac	caaaattgga	gaagaagtga	atgaaattga	aacacaataa	120
aattacaaaa	cagatgaatc	taatggtggg	tatttgaaag	attagataag	attgataaac	180
ttctagctat	actaatgaaa	aaaagagaga	agatttaaat	aaacacaatc	agtaatggca	240
aaggggacat	tatcactgac	cccacaaaaa	cacagaaaac	cctcagagac	tactacaaac	300
acctctatgc	acacaatgta	gagaaccttc	aagagatgga	tag		343

<210> 2081

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2081

aatcccaaca	ctgggcagct	gaggtgggtg	gatcacttga	gccagaagg	tcgagagacc	60
agcctaggca	acatggtgaa	accccgctct	tactaaaaat	tcaacaataa	aaaaattagc	120
tgggcgtggt	ggcaaggacc	tgtggtccca	gctactcttg	gggctgagg	cgggaggatc	180
aattgagcct	gggaggtcga	ggctgtgggt	agtggtgacc	acaccacttc	actccagccg	240
gggtgacaga	gcaggagaac	tgtcacctcc	tggggacctc	gtttccctcg	ggtattcaaa	300

aatctcccaa agggaggcaa gcatgggcta cgcagaagaa ctctcagtaa ggactgctga	360
gtctcttcat atgagctgca g	381

<210> 2082

<211> 411

<212> DNA

<213> Homo sapiens

<400> 2082

ccaggaacag gtgacgtgtc tgatgttggc ctagggaagg gacggtacta cagtgtaaat	60
gtgcccattc aggatggcat acaagatgaa aaatattacc agatctgtga aagtgtacta	120
aaggaagtat accaagcctt taatcccaaa gcagtgggtct tacagctggg agctgacaca	180
atagctgggg atcccatgtg ctccctttaac atgactccag tgggaattgg caagtgtctt	240
aagtacatcc ttcaatggca gttggcaaca ctcatcttgg gaggaggagg ctataacctt	300
gccaacacgg ctcgatgctg gacatacttg accgggggtca tcctagggaa aacactatcc	360
tctgagatcc cagatcatga gtttttcaca gcatatggtc ctgattatgt g	411

<210> 2083

<211> 401

<212> DNA

<213> Homo sapiens

<400> 2083

cgttgctgtc ggcgggtggca ttacctttgc agaccaaggc tgatgcaaat cgtactgccc	60
ctagtggaa gaaataccga catcctgggg cttctgaccg tccacagcct acagcgatga	120
attcaattgt catggagact ggcaatacca agaactctgc actgatggct aaaaaagccc	180
ctacaatgcc aaaaccccag tggcaccac cgtggaaact ctacagggtt atcagtgggc	240
atcttggtct ggttcgatgt attgctgttg aacctggaaa tcagtgggtt gttactggat	300
ctgctgacag aactataaaag atctgggact tggctagtgg caaattaaaa ctgtcattga	360
ctgggcatat taagactttg cgggggggtg taattagccc g	401

<210> 2084

<211> 219

<212> DNA

<213> Homo sapiens

<400> 2084

ggactatgag aatcgaaccc atccctgaga atccaaaatt ctccgtgcc cctatcacac	60
cccattccgaa aaaaaaaaaa aaaaaaactt tggggggcgt tttttacgta aatccaaact	120
ggataaagac cttggaggag ttggggccaac ccccccttg aaggcgggga aaaaagggct	180
tatttgagaga aattggggag gctatgggct taatttggga	219

<210> 2085

<211> 344

<212> DNA

<213> Homo sapiens

<400> 2085

ttatttcact atgatctgca attctgtttt aattaaatgt tttatacttt ttgacatatt	60
tggccagctt tctcaatgtc agagttctaa atgaagtctt ttcaacctag aattatcttt	120
gagattttct agttgggctc ctggagagcc tcaaacaatg tatttttcag cttgtagagc	180
tgtaaacta attagccttg tttgatgtat tgagttgtat gagaagcgtt ggaggcacag	240
atgggatcaa ataacaaagt gacactaagt cttctctaag gtatatttat atggctatgt	300
tattgatgtg aaagatctaa aaattatgta aaatttataa atgg	344

<210> 2086

<211> 367

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 2086
ggctcttgaac tccagacctt ggggtgatctg cccgcctctg cctcccaaaa tgctgagatt 60
acagacgtga gccactgtgc ccggccgcct gagacatttt gggcaacatc tgtgacagaa 120
gaaatgtgca tcctttccgg gcaggggatt taagaagcgg ctcatggctg aatatggat 180
ctttgcatct gtctgtggaa ctgcccggagc atcttctggg ataagggact acctgtatga 240
gtcttgtaat gtgttctaac cacgcgcact cccctgtgct ccctatcac catgactatt 300
cacttgaaag cctgatgggc ctacgccctc ttctgtagcc tgtggaggcc caaatgttt 360
cattgcn 367

<210> 2087
<211> 378
<212> DNA
<213> Homo sapiens

<400> 2087
gttctccaac catatggaat cataacagaa atcaaaacac aaagttaact ctctaaatac 60
atgaaaatta agcaacatac ttctagaaaa tccttggatc agagtcacac aaaagaaata 120
tatagcactg aattagaatg aaaataaaaa catacgaaca tatgtgggat ataactaaag 180
gattgctgag aagaaacctc atagcactag atgcttacct caaaatagag gaaggaattc 240
aatcaataa ccaaaattct gacctaaaga acctagaaaa agaagagcac attaatcaa 300
agcaagcaca agtaataaccg gtaataacag aagtcaatgc gaaagaaaaa cctgagagaa 360
aatgatataa agtcaatt 378

<210> 2088
<211> 340
<212> DNA
<213> Homo sapiens

<400> 2088
tagcactcca ctgcgagtat gcacagatca tccaaacaaa aaaaaaaaat cagagttaaa 60
ctacccccta aacctagtgg gtctaactga catttataga acatttcacc caactgtggc 120
aaaaaacaaa ttcctttctt taaaacatga acatttctcca gattaaacct tattttaaac 180
tacaaaacaa gtctcaaaga gttcaaagaa gtaaaaaatca cctcaggtat cacttgggac 240
cacattgaaa taaaactaga aatcattacc caagcgaatc tcaaaaagctt cataaacaca 300
tggaattca acaacagggt tttgaacata ttaaggcaat 340

<210> 2089
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 2089
ggtaccacta gaaaaatcca cccaaattaa taagagaaaa agaaacaaag aatacataaa 60
gcaagaaaac aaccatacga cagaaacaaa cctgtcatat aatgcctca aatgcaaata 120

ggttaaatgc	tccagaaaca	gaacggctga	atatatttta	aaaacatgat	ccaactaaat	180
gctgcttacg	agaaactagc	cttgctcagta	aagacacata	tgaaccgaaa	ttaaagggat	240
ggaaaaaat	atthttgtaca	aattggaaac	caaaagtgc	cagaagctac	agttatatca	300
gataaaatag	actttaagtc	aagaaaggta	aaagacn			337

<210> 2090

<211> 365

<212> DNA

<213> Homo sapiens

<400> 2090

gtcacaagaa	agggagctt	atccattaag	gaaattgagc	cccaaattag	gaacgatcgg	60
gcaataaaaa	ctccaggcct	agatgacttc	cctgggggaat	tccaccagac	actgaaggaa	120
gaaaggatcc	cagtcttaca	tcaaactctc	cagagaagac	agaaagcagg	aacactgtct	180
aactcatggt	atgagtctag	caaaacttta	atgctaaatt	ctgatgaaga	cattacaaca	240
aagaaacatc	atgggtcaac	tcttcccatg	aaaatggatg	tgaaaatcct	taaaaatatt	300
agcaagtcaa	ataaaacaat	atcacaca	agtgaggattt	atttcaaaat	gcaagggttg	360
gtgag						365

<210> 2091

<211> 335

<212> DNA

<213> Homo sapiens

<400> 2091

gtcagtgcgg	tcacatactt	ccagaagagc	ggaccagggc	tgctgccagc	acctgccact	60
cagagcgct	ctgtcgctgg	gacccttcag	gtaggacagc	tcccaatgct	gtggggactc	120
tcagcaaaac	ttctccttcc	tttccacggc	tctgcttctt	ctgacctcat	cttagttttg	180
ctttttcttt	tcttcttctg	ctatttttct	atgacctctt	aagaaccaag	tccttgaaac	240
ttttggctca	aagtggatac	agagacaact	ttttctagaa	agttcagaaa	agtgatattt	300
gaggacggag	tctggggaaa	tcaatgggat	ggggc			335

<210> 2092

<211> 129

<212> DNA

<213> Homo sapiens

<400> 2092

taccatctac	tacggaggct	gaagcaggag	gatcacttga	gctgggaggt	cgaggctgca	60
gtgaactgtc	atcgtgccac	tgcatttcag	cctgggtgac	tgagcaaaat	caaaaaagg	120
ttgggcgtg						129

<210> 2093

<211> 328

<212> DNA

<213> Homo sapiens

<400> 2093

acgacagaag	ggaatacatt	taaccaaggc	agtaaaagat	ctctataagg	agaacaacaa	60
aacactgctg	agagaaatca	tagatgacac	aatgggaaa	atatttcata	cacatagatt	120
aaaagaatca	atatcattaa	aatggccata	ctgcccaaag	caatttacag	tttcaatgct	180
attcctatca	aactaccaat	gtcatttttc	acagaactaa	aaaagctatt	ctaaaaattca	240
cagggaatca	aaaagaagcc	caaataagcca	aagcaatcat	aagcaaaaag	cacaaagctg	300
gagacatcaa	attaccagac	ttaaaact				328

<210> 2094

<211> 344

<212> DNA

<213> Homo sapiens

<400> 2094

tattctcctg	cctcagcctc	ccgagtagct	gggattacag	gtgccgacta	ccacacccag	60
ctaatttttt	gtattttttt	ggtagagacg	gtgtttcacc	gtgttgccc	cgctggtttc	120
attctctcga	cttcaggcga	ttcacctgcc	tcggcctacc	taagagggtg	cattactggc	180
tggatgctcc	gcgcccggtc	agaagcctct	atTTTTTaaa	agcccattag	cttagacaac	240
gctttaccct	tccttccatt	tcccctaaga	tcctgaggct	ttgtcgaacc	taatgaacat	300
catgggacca	ttggatcggc	ccttaagcct	tttgggaaga	catg		344

<210> 2095

<211> 309

<212> DNA

<213> Homo sapiens

<400> 2095

agtgctgtag	ggcctcttct	ccaaaagtct	agattctgat	aactccattc	tcttcccttt	60
gttcccataa	ccccagggag	agtagctggt	tcctaaagtc	agtgtcccat	ctttgctttg	120
tcaattctct	aatattttatc	aatttccttg	tattagatcc	tctcttttaa	aataccaagt	180
gtgaggaggc	tgggtgcagt	ggttcattgtc	tataatccca	gtatttgga	ggctaaggcg	240
ggaggattac	ttgagcctag	gaattcaaga	ccagtctggg	caacatagt	agatctcgtg	300
tctaaaaat						309

<210> 2096

<211> 333

<212> DNA

<213> Homo sapiens

<400> 2096

tcaagcaatt	ctcctgcctc	agcctccaga	gtagctgaga	ttacagacat	gcgccaccac	60
accgggctaa	tttttttttt	tttttttaag	gggagacggg	gcttttcctt	gtggggcagc	120
ctggccttga	actcctgacc	acgggtggga	agaaagctga	agccgacaag	aatgataatg	180
ccttagaaga	ccttcagctg	ctgatgtttg	aagccagcct	tactatctgt	gggaataacc	240
ttgatgatcc	cccaacccac	tggaaaccgc	tttattgaaa	ggtcaaacag	aggctctgta	300
ttggcgaaga	ggcaatggca	cctgaaggaa	ccc			333

<210> 2097

<211> 292

<212> DNA

<213> Homo sapiens

<400> 2097

aagttctaatt	cagagtaatc	agacaagaga	aagaaatata	gggcatccct	acaggaaagg	60
aagaagtcaa	accatctctt	tgctgatgat	attattctat	atctaaaaaa	ccctaaagac	120
caaaagtctc	ctaaatttga	tgacttcagg	aaagtctcag	gatacaaaat	caacatacaa	180
aaatcagtag	catttctata	caccaataat	atgcaaactg	agagccaaat	caagaatgca	240
atttcatttg	cagtagccac	acacacaaaa	ataaaatacc	taggaataca	tc	292

<210> 2098

<211> 398

<212> DNA

<213> Homo sapiens

<400> 2098

cgttgctgtc	gcatttacag	aatttttttt	gttaaaaaaa	actgtagaaa	tgaaggcttg	60
ttattctcat	ttccattaca	taaatggttg	ctcaaagtgtg	aatttctaatt	ttatcatagt	120

ttatgggtgat	acattaagag	actaatgtgt	catttgtgtt	ttgatttcta	cattctagag	180
agacagtttta	atcagtcctg	gacccaaatc	aaacagagta	aactgtgtca	tcattggagat	240
ctgcccagga	aatccccaaa	atacagaagg	atcagaagta	gatggaaata	atgtcataga	300
acgtctctca	caactgtgtt	ataagaatga	caggggaagct	acagggttaca	acagatttgt	360
gaactcagcc	aagcacagtg	gtggcagggc	ctagctgc			398

<210> 2099
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 2099						
acacagatac	acacaacact	cctctaaaca	ccacccaaat	agacattctt	ctcaagtgcc	60
tatggaacaa	tcttcaggag	agagcacatg	ttaggctaca	acacaagtct	tcacaaattc	120
aaaagaaatt	gaaatcatat	aaagtatttt	tgacaataac	tataaaataa	aactaaaagt	180
caatattata	aagaaaatgg	gaaaatccac	aaatacgtag	aaattaaaca	acatactctt	240
caatgaccaa	aaagtcaagg	aaaaagacac	aaggaaagtt	gtaaaataca	tcgattattc	300
tatcttcttg	gtgaattagc	caan				324

<210> 2100
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 2100						
cggttgctgtc	gattcaagtc	ctttgcctat	ttttttcttt	ttttgaggag	aatcgcttga	60
acctgggaga	aggttgcagt	gagcagagat	catgccactg	cactccagcc	tgggcaacag	120
agcaatattc	tgtacaaaaa	aaaaaccagg	acaaattgaa	aaaaaaatgg	aagcggggca	180
tgggggctca	catgttaaat	cctacctagt	tgggaggctg	aaatgggagg	attgcttgag	240
tcccgggggt	caaggctgga	gggagctatt	atggtaccac	tgtgctccag	ccagggcaac	300
aaaggagac	cctgctgtat	cttaaaaagg	aaaaagggtg	gggcgtgagg	gttcacgcct	360
gtaatcccag	cactttgaga	cgccaaggg				389

<210> 2101
 <211> 336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 2101						
atatgatata	tcaacttaag	ttatttttaa	taacttacaa	gacacattga	aaacaagtaa	60
caaatgttaa	tcctttgtga	tcattatttt	aaatgtaaat	agattagact	ccctagtcaa	120
aagactagag	tggctgaatt	ctgaatggat	taaaagaaag	aaaaagaaag	attcgatttt	180
aaactttgta	aaggaaactc	acttttagatt	taagatcact	tacaggctga	aagtgaatgg	240
atggaaaaac	acattctgtg	caagttgtaa	ccaaaagaga	gcagagatga	ctntacttat	300
atgagacaaa	ataaactttg	aaaaacactg	tcaaat			336

<210> 2102

<211> 327
 <212> DNA
 <213> Homo sapiens

<400> 2102
 tctagcagta gacagtatat aacttagagt caagaaatgt tgggccaggc gcggtggctc 60
 acgcctgtag acgaaaggct cccggagtga tgatcgtcta gagacttgat agaacatgga 120
 agggggacgt tgccacata tatgcaaata tattgcactg gagatattgc agacataaag 180
 gaaatgggta ctgttcataa aagaatgcc cacaagtgtt aaaaatgtgc ctgataaaat 240
 ataagtgact actggcctgg agcagtggct cacgcctgta atcctagcac tttgagaggc 300
 caaggcaggt ggatcacctg aggtccg 327

<210> 2103
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 2103
 ggggcagtat atctttgtta attgcccctc aatctctctc ctggaatggc atccttttac 60
 tttgacctct gctccagagg aagattttct ctccattcat atccgagcag caggggactg 120
 gacagaaaat ctcataaggg ctttcgaaca acaatattca ccaattccca ggattgaagt 180
 ggatgggtccc tttggcacag ccagtggagg tgttttccag tatgaagtgg ctgtgctggg 240
 tggagcagga attgggggtca ccccttttgc ttctatcttg aaatccatct ggtacaaatt 300
 ccagtgtgca gaccacaacc tcaaaacaaa a 331

<210> 2104
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 2104
 aggctgaagt gcagtgatgc gatcatgact cactgcaccc tcaacctcct gggctcaagt 60
 gatcctccca actcagcctg ccaaggggct ggtaccacag gaatgcaatc ataaacttct 120
 gggctcaaat gatgactctt gatattgggtac tcccaaagag caggaactac acgcatgagc 180
 cactgagcct ggctggaact aaacagatca cactgtgcta aaagaaaata tttcccacgt 240
 attacttcta acagctgtta cacaatatgc tctaggttca taaactatat cacttgtaaa 300
 attcccttta taacgtca 319

<210> 2105
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 2105
 ggagttcaag gttacagtga gctatgatca tgccactgca ctccagcctg ggcaacagag 60
 caagacttgt ctctaaaaaa taaaaataaa ggtgagatgc acaggacctg tgtgtagaat 120
 gttatatgag taaggaaata tagtctaaag tggaaaataa aaagggtata gcaggcattt 180
 aaaggagac aggaagagca agtggataga aaagtatttg aagagttagg gaacaaggga 240
 gtaacacctg acttgcttct cagtctaccc gaagaatctg taaatcacca ggcattggtg 300
 ctcatgcctg taattccaac actttacgag gc 332

<210> 2106
 <211> 193
 <212> DNA
 <213> Homo sapiens

<400> 2106

agacaaaaaa	ggaaggaatc	gaacccccca	tagctggttt	caagccaacc	ccatggcctc	60
catgactttt	tcaaaaaaat	agaaatgaat	actataatga	gggggcgctt	ttctcttgaa	120
tccccaaatt	tagaaaacct	ttggggggtg	ggggccccc	ccccttttta	tgggggggaa	180
aacatttttt	ttt					193

<210> 2107

<211> 378

<212> DNA

<213> Homo sapiens

<400> 2107

ttccaacctt	cccttttttta	aattttctcc	agtcacctggg	agcaagttgc	agtctttttt	60
ttttttttcc	cttttgggcc	caacccccct	tgttttaagg	gccttttttt	taaccccagg	120
ggcccaaatt	aaatgggggg	gaaaaccctt	ggcccaaaaa	ccaggggaaa	aaaatcctta	180
cccctttttg	gtcaaaaagta	atttttaacc	cttccccctt	gaacaaaaac	cgggtgggaaa	240
caaccccccc	cgaccttggg	gaaaaaaaaa	aaaacctgcc	ccctttcttt	ttgtggaaac	300
tggagggggc	gaagcccccg	ggaaaaagcc	aaaaaacccc	aacctttttc	cccccttcct	360
gggaaaatgg	gccccaaa					378

<210> 2108

<211> 343

<212> DNA

<213> Homo sapiens

<400> 2108

tctgcaggct	gcagtgcaat	ggcatgatca	tagctcactg	cagccttgaa	cccctgggct	60
caagtgatcc	tcccacttta	gtgtcccaag	tattaaatag	ctggcattac	agacatgtgc	120
caccatgcct	ggctgtttct	cgtttttttt	agagatggga	tctcactatg	ttgccaaggc	180
tggctctgaa	cttctggcct	caaatgatct	tcttgccctg	gcccccaaaa	gagctggatt	240
acaggagtga	gctactgtgt	ccagcctaatt	cttcgttctt	ggagtcaagt	tgtgtaggct	300
ttgttttttg	ctttgtcttt	ttttttttcc	cccaccctaa	gtg		343

<210> 2109

<211> 147

<212> DNA

<213> Homo sapiens

<400> 2109

cggtagcggt	gcgagaaaac	aacagaaggg	gctctttccg	ccatctttcc	gcgccgccac	60
aatggtgcgc	atgaatgtcc	tgtcagatgc	tctcttgagt	atccacagtg	ccgaaaagag	120
aggcaaacgc	catgtgctta	ttatgcc				147

<210> 2110

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2110

ggcacgagct	ggaatcctgc	tatggagtta	gatcatgtcc	taaccttcag	ctcaggcagc	60
tctaggcctg	cttcccgccc	acctggatgt	cctgcttttg	gccaaagtcag	cttgtctcag	120
gtctggtctc	tctcccatc	catgtcgggt	cccccaacc	ccctacaaca	atagtgtctg	180
aactagagac	tctttctcgg	ccagcttctt	ggcaaagggt	ttaaataaca	catgcctctg	240
gctgggttct	gtgctctgcc	agtcagatgg	ccctcgtcag	cctcatccac	tttattctta	300
cccctctttt	caggcttcac	cctgaagaac	tgggaggccc	tccactgaag	aagctgaaac	360
aagaggttgg	agaacagagt	ca				382

<210> 2111

<211> 460
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(460)
 <223> n = A,T,C or G

<400> 2111
 ctactaaaca agctacgcag gactttctgc aagatcccat cgattcgtag ttccgtagct 60
 agtagcaact acccactcac ctatccaccc atccacctac ctatttgtca cccatccacc 120
 catccatcca tccaatcacc catccaacca tcaatccaac cattttcatc tgttcatttt 180
 ccattccatc acccgctccac ccattcactc ctccatccac ctacctatcc atttatcacc 240
 catttaccca tccatccatc catccttcca accatttatc caccatcca aacatttcca 300
 tctgtttttc catccatcta cccatccacc cattcactca tccatccacc ttccatcca 360
 tttatcatcc atctaccac tcacccatcc atccaacctt ccaaccattt atccacccat 420
 ccaactattt ccattctgtc attttccacc cattttaccn 460

<210> 2112
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 2112
 cgttgctgtc gttcaatttc ttgaatgttt taagacttgt tttgtgaacc taacatatgg 60
 aatatcctac agaatgatcc atatgctgag gagaagaatg tgtattctgc agccattaga 120
 tgaaatgttc ggtaaatata tattaggtcc gtttggtctt tagtgcagat taaatccagt 180
 gtttcttttg tgattttctg tctggaagat ctgtctgttc aatgctgaaa gtaggggtgt 240
 gaagtctcca gccattatcg tcttgagatc tctgtctctc tttagttcta atatttgctt 300
 tatgtatctc agtgctccag tgatgggtac atatatactc acaatcattg tatcctcttg 360
 ctgcattgac tgcattatca ttata 385

<210> 2113
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 2113
 ggatttatcc ctgggatgca aggatgggtc aacatatgca aattaattaa tgtgatatat 60
 ctcatthaaca gaatgaaaga taaaaattac atctcaatag aagcagaaaa aaatttgaca 120
 aaattcaaca ctcttttaca ataagaatta tcaacaaagt atggaaggaa tatacttcaa 180
 catgttaaga gctataatac gaaaagccca gagacaacat cacaactagt ggtgaaaacc 240
 tgaaagtgtt tcctctaaga tcaggaaaaa ggcaaggagg ccaactcttg ctacatctat 300
 ttaacatagt actggaaatt ctagccagag caa 333

<210> 2114
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 2114
 atactgcttt gtgatctgtg gattcctctt acagggttaa accatttttt ttgattcagc 60
 aggttggaag tactcttttt gaagaatctg cgaggaaagg ttgggagccc attgagacct 120
 atggggaata acagaatatc tccagataaa aacaagaaag aaattatctg tgcaactgct 180
 ttgtgatgtg tggattcacc tcacagagtt aaacctttct tttgattcag catgttgga 240
 accctgtttt tgcattgtct gcgaagagac agttaagagc ccattgaggc ctatggggaa 300

aacccaaatat c 311

<210> 2115

<211> 313

<212> DNA

<213> Homo sapiens

<400> 2115

taaaggccag	atgttatcag	cagctgaaca	gcctctacag	aaaccagctg	caaagacaga	60
agcagaaaaa	ctggtttggg	ggagagaccc	gataacaaaa	agttgggaaa	taggtaaaaat	120
aataacctgg	ggtagagggt	atgcttggtg	ttctccaggc	caaaatcaac	agccgatttg	180
gataccatca	agacacctga	aaccttatta	tgagccagat	gctgaggaag	agattctggg	240
aggatcccaa	ggactcccca	gttgcagcca	tgctgagact	gatgctgaag	aggaccccaa	300
ctgtcacaag	caa					313

<210> 2116

<211> 355

<212> DNA

<213> Homo sapiens

<400> 2116

attaaaggaa	ctcttaggtg	aaaaatcaga	taatgaaatt	tacatctcaa	agtacagaga	60
gaatctgatg	gtgcttgagg	gagattaaaa	atgaatgccg	aatcaaacad	aaaattatag	120
aaatctatca	tagaattatg	taataagacc	aattttatct	tgctagagac	cacctatctc	180
ctaactgggt	atctgagctt	tgggcagagc	ccatgttcaa	tcctgggtct	ccaaaaagg	240
agaattctta	tgtggctagg	ccaggtgatt	gttctacagt	acatcaagga	aatcttttta	300
acaaagacat	ttctatgtgt	ctaagctata	ctattccttt	aagatccaag	agtag	355

<210> 2117

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2117

cgttgctgtc	gctttttccc	agaaaacaag	gggttagatg	ttgcatttca	taaaactaac	60
cgaagttctg	tctactgatg	cagcacaaga	gatgtataaa	aaaaaaaaaa	aaaaaccccc	120
cccccggggg	aaagaccctt	ttaaggtttg	gtttgggttt	tttttttggg	ttgggttttt	180
ggttttttta	cctcagggaa	aaacctggaa	aaggggcaaa	acctcttatt	tggatttttt	240
attagggggc	ctttttttaa	aaaaaggctc	cactgggaaa	ggaaaaaggg	gggggggggg	300
gggaaaaaaa	aaaacttttg	gggtaggggg	atataaaaaa	attttggccc	tttggttcaa	360
aaaaccgcga	ttttaaaaaa	aaaaaaattc	ccaccccaac	caccc		405

<210> 2118

<211> 386

<212> DNA

<213> Homo sapiens

<400> 2118

ggcacgaggt	ttactgggtg	agagaaccat	tgaggagctt	ctcctaaaga	aaatttgtag	60
gggtgtcttt	gtccaagaca	ccccccagaa	tctaaaaatg	ctgcgtatag	tggaaacctta	120
tgtgacctgg	ggatttccaa	atctgaagtc	tgtgcgagaa	gcatttttga	aacgtggaca	180
agccaagggtc	aagaataaga	ccatccctct	gacagacaat	accgtgattg	acgagcacct	240
ggggaagttt	gtcgtcattt	gcttgggaaga	cctcattcat	gaaattgcct	tcccagggaa	300
gcatttccag	gagatctcat	gggtcttgcg	ccctttccac	ctctcagtgg	cccgtcatgc	360
taccaaaaaat	agagtgggct	ctctca				386

<210> 2119

<211> 350
 <212> DNA
 <213> Homo sapiens

<400> 2119
 atagttgttc acactgagcc tctagcagtt catcaattac agttcagggt tcttatggaa 60
 gtttgctgtg tgagtgtttc tgctctgatt actcgtgatt ctccgtattc accttctgtc 120
 tctccagttt gggggcagct gtttgacctg tgacttaact tctcttacag atctaagaaa 180
 agttgttgat ttttcagttt gttcagcttt ttacttgctc ttaggatcga gttgactgat 240
 ctcttctcgc ctgcttcttt ttgtgttccc tttttttttt atactcaact tctttcctcc 300
 tttatttgct cgcgtcctgg ttctcatcga ttctctcttc tcccccttct 350

<210> 2120
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 2120
 attgagagct ataacaagaa ggcaaagtat cttcttgtgt gacctcagct gggaacatgc 60
 acattgagag actcaaacct tttgctgccc cacacacatc catgaataac tacaacagtg 120
 ctgcaagtat tgatttgggg gttttgaata aatttttaatg agcagataaa tttgcaaata 180
 cagaatctgc aaataatgag ggtcactggg atttggtgct ttttcgagaa tgggtggaag 240
 acggcactca gctgggactg tccaatgggg agagggtccat gtgtggccct ccaacatgct 300
 acagggcact tggacttctt att 323

<210> 2121
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 2121
 aggtagataa acggatggac agatgctggg tgaatggatg ggtggataga tggataaatt 60
 gatatatgga tggatgagta gatacatggg tagatgggtg gacgaatata tgagtggact 120
 agtaaattgg tgagtgaatg catggatgga tggatggata ttttgacgag ttaatatata 180
 ttttgatgt ttaaggatat ttattttttg tatattggat tttattttat ttatttttgt 240
 tttttgtat attattttata ttttttgttt tttttataaa tatgttggtt ttgatatttg 300
 cgggtgtgtt atttttg 317

<210> 2122
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 2122
 attctgtaca cacagcctat ggggtagccc tgctccacag ttgcggttgt aactgctgct 60
 ttcaataaaa gttgctgttt aacactacca gctcaccctt gaattctttc ctgggtgaag 120
 ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180
 ttgctaaatt gctctctaga attgcttttc cagggtgggc gcagtggctc acatctgaaa 240
 tcccagcact ttgggaggct gaggcaggca gatcacctga ggtcagggtg tcaagaccag 300
 cctggcctac atggcaaacc cctgtcttta ctaaaaatac aaaaattagc tgcgcagtgt 360
 ggcctatgcc tgtaatccca gctactt 387

<210> 2123
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2123
attctgtaca cacagcctat ggggtagccc tgctccacag ttgcgggtgt acactgctgc 60
ttcaataaaaa gttgctgttt aacactacca gtcaccctt gaattctttc ctgggtgaag 120
ctaagaaccc tcccacgcta atccgcgatt ttggggcttg cctgtccttt caataggaca 180
ttgctaaatt gctctctaga attgcttttc caggttgggc gcagtggctc acatctgaaa 240
tcccagcact ttgggaggct gaagcaggca gatcacctga ggtcagggtg tcaagaccag 300
cctggcctac atggcaaatc cctgtctt 328

<210> 2124
<211> 343
<212> DNA
<213> Homo sapiens

<400> 2124
gactttcaga gacaaacaaa agctgaggaa atttatcaac accagacatg tcttacaaga 60
aatgataaag ggagttcttt aatctaaaat aaatggacac tagatgcaac aagaaaccgt 120
ctgaaggat tgaactccca ggtaaaagaa agaaaataga caaacttaaa atactcctaa 180
tactgtaatc gggataagta aatcatatat cctatgtatg aagactaaaa gacaaaaatg 240
ttaaaaataa ctgcaggcca ggtgcggtgg ctacgcacca gtaatcccag cactttggga 300
ggttgaggcg ggcagatcac gagatcaaga gattgagacc agc 343

<210> 2125
<211> 318
<212> DNA
<213> Homo sapiens

<400> 2125
gagtgcggtc acataacttcc agaagagcgg accagggctg ctgccagcac tccactcaga 60
gcgcctctgt cgctgggacc cttcaggtag gacagctccc aacgctgtgg ggactctcag 120
caaaaacttct ccttcctttc cacggctctg cttcttctga cctcatctta gctttgcttt 180
ttcttttctt ccttcgctat ttttctatga tcttctaaga accaagtcct tgaaactttt 240
ggctcaaagt ggatacagag acaacttttt ctagaaagtt cagaaaagtg tattttgagg 300
acggagctct gggaaatc 318

<210> 2126
<211> 302
<212> DNA
<213> Homo sapiens

<400> 2126
ccatccatcc atcctttcag ccagccagcc agcctgcctt ctgtctaacc attaateccac 60
tcagccacct atccaccat ccatccatgc attcagtcta tccatccctg catccaatcc 120
atcctttcat gtatctgtcc gtcacatccat ccaccattc atctgtccat tcaaccaccc 180
acaaatctac ccatccatgt gtgggagagc atgatttaac tcatatataa acaatttata 240
attactgtga taagagctgc aaagggaata aacatggtat taaaggataa tagtcactag 300
tg 302

<210> 2127
<211> 347
<212> DNA
<213> Homo sapiens

<400> 2127
catatgcaga agacacctac cttgtacat atataaaaat taatacaaag attaaaaatt 60
taaattgaag accacagact ttatgcaccc tagaagaaaa cctaagaaac accattctgg 120
acgtcagctt tcggaaagaa catatgacta agtcttcaac agcaattgcy acaaaaacaa 180
aaattgacaa gtgggaccta aactaaagag tttctgcaca gcacgagaaa ctatcaacaa 240

agtatacaga cgacctacag aataggagaa aatattcaca aactatgcat ctgacaaagg	300
tctaataccc agaatctata acgaacttag gcaattctat aagcaag	347

<210> 2128
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 2128	
ttccttggct tataaaacgt ttttcagttt gatgcaaaat gatgcgctta ttttggtttt	60
tgttggctgt gcatttggag tcagagccaa caaatcattg tcttgaagct tttcaactat	120
gttttcttct agcagtttta tagtttcagg tcttaggttt aagtctttaa ttcattttga	180
gttggatttg tgtgtggtgt gatgtaaggg atgcatgtgg atattcattt tcttgacaac	240
atttattgac gagattgtct tttcccatc atgggttctt ggcaccttg tcaaaaatca	300
gttgacctta aaaatgtgga tttatttctg ggctctctat tcttttccat tgaatgatct	360
gtttgttttt atac	374

<210> 2129
 <211> 387
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(387)
 <223> n = A,T,C or G

<400> 2129	
agcactctgg gaggccgggg cgggctgttt gcttatgttc gggatttcna gaccagccta	60
ggtaacatgg caaaaccccg tctctacaaa aaatacaaaa attagcctgg cctatatcc	120
cagttacttg cggggctgaa gcaggaaaga ttgcttgagc ctacgaggtc gagactgcag	180
tgagctgaga ttgtgccact ggcactgtgg cctggatgat aaagtgagac cctgtcttat	240
aaaatcaaga gaaaagagaa gaatcagtat tgtgattaat aagggagaat tccacgctgg	300
gcatggaggc tcatgcctgt aatcccaaca ctttgggagg ccgagggggc atggatcttc	360
tgtgggcaag gattttcaga accagcg	387

<210> 2130
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 2130	
gctctcgctc ggtctttctg ccgccatctt ggttcgcgt tccctgcaca gcctcctttt	60
tattcccttc cttcagaaat gcccgcgaa gccacagaaa ccgtccctgc tacagagcag	120
gagttgccgc agccccaggc tgagacagg	149

<210> 2131
 <211> 402
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 2131

attccacatt	ccagccagt	ggaaaaggaa	agggggaatg	gcataccctt	tccctttaag	60
gtacacccta	ggctgggcac	agtgggtgta	gccagaagtc	ccagctactc	gggaggctga	120
ggcgggagaa	tcacttgagt	ccaagagttc	tgggttgtag	tgcgctgtgt	caatcgggtg	180
cctacactaa	gctcagtatc	aacatggtga	tctccctggg	agaggggaac	caccaggttg	240
cctaaggagg	gctgaaatgg	cccagatcgg	aaaggtcaaa	actcccgtgc	tgatccagta	300
gtggaatcac	tcccgtanat	agccaaaaca	ctccagcctg	ggcaacaaag	tgagaccctg	360
tctctaanaa	aaaaaaaaaa	aaaaaacacc	ctggctgggc	ag		402

<210> 2132
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 2132						
gctctgccag	ccactggaga	atggacgtaa	tggagccaag	gatggcacca	ggaagtcacg	60
ggggcagtgt	ttgtgtgtgt	ccaggcaatc	acagtattgg	tgctgtgtct	cagcaggctg	120
ggggttgggg	ccctggattc	aaagcatcca	tctgaacata	ttgtcacccg	tgcatcctga	180
gagagacagc	ttcatggagt	ggaggtgtgt	ggcctggagg	ccccacgtag	gccaccaggc	240
atgttttcca	cgaaaaccga	aacttctgac	gggattacta	acattgggag	atttccgttt	300
cttgagacgcc	agtggagggg	ctgcaccagc	cttaaa			336

<210> 2133
 <211> 362
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 2133						
gatgacttcc	cttacctact	ttgtccagag	gctgttcacc	tgggagacct	gctgggtatat	60
gggccacgga	gatttgcacc	cccttccccg	gattctcaag	tgccactaga	agtctccaga	120
actgtgaatt	tattctagca	cgccctgcac	ttcacaagaa	aaagagatct	ctccctgggc	180
tcctgcccgc	tcctccagga	tacagcactg	gagaaggcaa	cttgggtgtt	cctatctccg	240
ccactctgga	tttgggaatc	caaaccacaac	tccctttcta	tcactgacag	cgattgaggc	300
caatgcctac	tcctttggga	tgatgctcgc	ctgtctcaag	accgactgac	ccatgttcaa	360
cn						362

<210> 2134
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 2134						
tgcggatgcg	atcatgccac	ggcactctag	cctgcatgat	agagcgagat	cctgttttatg	60
aagaaaaaga	gactgggcac	ggtgggtcac	gcctgtaatc	ccagcactct	gggacgccga	120
cgtgggcgga	tcacgaggtc	acgagatcga	gaccatcctg	ggcaacgtgg	agaaaccctg	180
tctctactga	aaatatacca	aataactggg	gatggacggg	cacacctgtt	gcctcagttt	240
cttgggaggt	taaggcctgg	gaaccacttg	ggcccgggt			278

<210> 2135
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 2135
actggaatgg aatatttttca gatatgacca gattgctttg aggaattgaa gttgacttta 60
tagagctaata aaaaaaccca gtttctttgc aagtttcctg acctgtgtac cttgactgaa 120
aagggtacctt tacaaggtac acagtttctt cacaagggtc ctgacctgtg gtaagtgcag 180
agtgttactt tctgacgtgc ccaggaacct caagttatct tgggacctca agaagagaag 240
aatttaccca attcatacag gcattgcaga cagtcaatga ttaatgacaa atccttgcct 300
tggttttata gcctcc 316

<210> 2136
<211> 340
<212> DNA
<213> Homo sapiens

<400> 2136
ccagctactt gggaggctga ggccggagaa tcacttgaac ccgggggggca gaggttccag 60
tgagccgaga tcctgccact gcactccagc ctgggcgaca gcatgagact ccgtctcaaa 120
aaaaaaaaaa aaaaaaatg gcccggaag gggggctaata cctgaaatc cggccccttt 180
ggggggccgg ggggggggga tcacctgggg taaggatttc aagaccccc tgaccaacag 240
ggggaaatcc catctttccc aaaaaaccaa aatttatctg accgtggggg cggggcccttt 300
gatccccaat ttttttgag ggcttgaaac gggaaaattg 340

<210> 2137
<211> 136
<212> DNA
<213> Homo sapiens

<400> 2137
gagccacctc gcgcgcgcct ccaggagcaa gtatggagag gctgggtgatc aagatgccct 60
tctctcatct gtctacctac agcctgggtt gggctcatggc agcagtgggg ctgtgcacaa 120
cacaagtgcag agtggg 136

<210> 2138
<211> 408
<212> DNA
<213> Homo sapiens

<400> 2138
ggcacgagcc acggacgtcc aaaaagtcca aaccaaagga cagcgataaa gaaggaaactt 60
caaattccac ctctgaagat gggccagggg atggattcac cattctgtct tctaagagcc 120
ttgttctggg acagaagctg tccttaacct agagtgcacat cagccatatt ggctccatga 180
gagtggaggg cattgtccac ccaaccacag ccgaaattga cctcaaagaa gatatagccg 240
ccgtcagcca atccagtggg ctgcgcagcca aatttgatc cactgtcac atccctcagt 300
ggggctccga caaatgtgaa gaacagcttg aagagaccat caaaaactgc ctgtcagcgg 360
cggaggacaa gaagctaaag tccgtcgcgt tcccgccttt cccagcg 408

<210> 2139
<211> 322
<212> DNA
<213> Homo sapiens

<400> 2139
attccacatt ccagccagtg ggaaaaggaa agggggaatg gcataccctt tccctttaag 60
gtacacccta ggctgggcac agtgggtgtga gccagaagtc ccagctactc gggaggctga 120
ggcgggagaa tcacttgagt ccaagagttc tgggtttagt tgcgctgtgt caatcgggtg 180
cctacactaa gctcagtatc aacatggtga tctccctggg agaggggaac caccaggttg 240
cctaaggagg gctgaaatgg ccagatcgg aaaggtcaaa actcccgtgc tgatccagta 300
gtggaatcac tcccgtaaat ag 322

<210> 2140
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 2140
 gactcactct gccagccact ggagaatgga cgtaatggag ccaaggatgg caccaggaag 60
 tcacgggggc agagtttgct gctgtccagg caatcacagt attggtgtcg tgtctcagca 120
 agctgggggt tggggccctg gattcaaagc atccatctga acatattgtc acccgtgcat 180
 cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaagccac 240
 caggcatgtt ttccacgaaa accgaaactt gtgacgggat tactaacatt gggagatttc 300
 cgtttcttgg acgccagtgg aggggctgca ccaa 334

<210> 2141
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 2141
 gagccgcctg gataccgcag ctaggaataa tggaatagga ccgcggttct atttcgttgg 60
 tttttcgagc tggggccatg actcacatgg ggtgtcgggc gtatttggat tgtttcgagt 120
 ggaggggtgg gg 132

<210> 2142
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 2142
 taaacttaag taaaggagtg gaaaagggca tttcatgcaa atggacacca aaaacgagct 60
 ggggtagcaa ttcttacata agacaaaaca aacttttaag caacaacagt taaaagagac 120
 agagatgtta tataatggtg aaagtccctg ttcaacagga aaatatcaca atcctaaaca 180
 tacatgcacc taacactgga gctcccaagt ttataaaaact atgactaata gacctaagaa 240
 atgagataga caacaacaca ataatagtgt gggacttcaa tactccactg acagcactag 300
 gcaggtcatc aagacagaaa g 321

<210> 2143
 <211> 312
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 2143
 ggagcactgg gccaaaaaca aaatcaagag ggaaattaaa aacattcttt gaattgaatg 60
 acaataacag cacaacctat caaaacctct gggagcagct aacgtggtgc aaagaggaaa 120
 gttcgtagcc ctaaatgcct acatcaaaaa gtctgaaaga gcacaaacag acaatctaag 180
 gtcacacctc aaggaactcc agaagcaaga acaaaacaaa cccaaaccca gcagaaggaa 240
 ggaaataacc aagatcagag cagcactaaa tgaaattgaa acaaacaaaa caacaaaata 300
 caaaagacaa an 312

<210> 2144
 <211> 157

<212> DNA
<213> Homo sapiens

<400> 2144
tccttttggg aggtgacgac ctacgggcac tttaacgtgc ctatcaccta ggatctccat 60
aatatgtctc tagaagagga gatgaggaat ccctctacaa aacacgtgat gcggagcccc 120
aattcctact tcctggatgt gaaacgcccc tgatgct 157

<210> 2145
<211> 336
<212> DNA
<213> Homo sapiens

<400> 2145
tgctttgagt agtaagggca ttttaacaat gcttattttt ccagtcocat aatatggaat 60
atctttccat ttatttggat cttcttcaat ttcattgcacc agtgtttgat agtttttgtt 120
acagagatct ttcacttctt tgggtgattc ctagggtatt tataatattt attgatttgc 180
aaataatatt tattgatttg caaatgttga accatgcttg cattctaggg ataaatccca 240
cttgatcatg atgaatgac tttttaatgt gttgctgaat ttgatttgct ggtattttgt 300
tgagaatttt tgcattcaata cttaattgca tttcag 336

<210> 2146
<211> 413
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 2146
gactcactct gccagccact ggagaatgga cgtaatggag ccaaggatgg caccaggaag 60
tcacgggggc agtgtttgc gctgtccagg caatcacagt attggtgtcg tgtctcaaca 120
ggctgggggt tggggccctg gattcaaagc atccatctga acatattgtc acccgtgcat 180
cctgagagag acagcttcat ggagtggagg tgtgtggcct ggaggcccca cgtaggccac 240
caggcatgtt ttccacgaaa accgaaactt ctgacgggat tactaacatt gggagatttc 300
cgtttcttgg acgccagtgg aggggctgca ccagccttaa aaagaaatca tgtgagcctc 360
cacgaatcag cagacacagg agaaantaag ggtctgcccc ctttagtggg ttg 413

<210> 2147
<211> 338
<212> DNA
<213> Homo sapiens

<400> 2147
gtaacaaaact gtggtcaagg cagaaacaaa cagtgagatc aaatcagtaa tttaaaaatt 60
gccaaaaacc aaaagcccag gtctaggcag attcacagct gaattatacc agaccttcaa 120
aaattaatgg tattaatcct attaaattat cccaaaagat tgaaaaaaag ggaatcttcc 180
ctaacatagc tgtgaaatca gtatcacttt gacaccaaaag tcaggaaaag acatagaaaa 240
gtggaaaagta gagaccaata tccctgatga gtatacacgc aaaaatcctc aacaagatac 300
cagcaaatat aatccaacag cacattaaaa ttgtaatt 338

<210> 2148
<211> 333
<212> DNA
<213> Homo sapiens

<400> 2148
 ataagcaaaa ggcccagtc ctgtcctcag gagctcatgg tccaagtcaa aatcacataa 60
 aaacatttga gtccccctttg aaatgagtat tgttttcttg aacaaatttt caacttgctg 120
 tagttttttt cctgatcact ttcacctctgt ctttccaaga tgggatatgt ttatttagaa 180
 attacttcac ctgggacagc tgcttctctc ttttgctcag gcccgtagca ctgcaggatg 240
 ggcaagtgtc gtggacctca tactgctagg agtctctgta gtcaccaaca agatcagaag 300
 tggcatgata aacagtacaa gaaagcccat ttg 333

<210> 2149
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 2149
 cagtgttcaa gatacaaaat caatgcacaa aaatcagtag catttctata caccaacagc 60
 atccagggtg cacgtggaat aaaaaacaca atcctactca aaatagccac aaagaaaatg 120
 aaattatcta ggaatacagc taaccaaaaga ggtgaaagac ctgtacaaag agaaccacca 180
 aacactgctg aaagaattca gaaatgacac acatgaacag aaaacattcc atgctcatgg 240
 attgaaagaa tcaatgtcat ttgaaatgtc catactgcac gaagtaattt aaagattcaa 300
 tgctattcct atcaaactac caatgtcatt cttcatagga ttag 344

<210> 2150
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 2150
 gggaaatgcg tgttctagct ttctgtgtgc ttaggtgccc gagctactga gggctctaagt 60
 ccgggcagcc gaagagtgtg gtcgcaagat gaacaaagat gcgcagatga gagcagcgat 120
 taacccaaaag ttgatagaaa ctggagaaaag agaacgcctc acagagttgc tgagagctaa 180
 attaattgaa tgtggctgga aggatcagtt gaaggcacac tgtaaagagg taattaaaga 240
 aaaaggacta gaacacgtta ctggtgatga cttggtggct gaaatcactc caaaaggcag 300
 agccctggta cctgacagtg taaagaagga gtcctacaa agaataagaa cattccttgc 360
 tcagcatgcc agcctttaag attgaattag attgtggtgg 400

<210> 2151
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 2151
 ggaaatgctg gttctagctt tctgtgtgct taggtgccc agctactgag ggtctaagtc 60
 cgggcagccg aagagtgtgg ttagcaagat gaacaaagat gcgcagatga gagcagcgat 120
 taacccaaaag ttgatagaaa ctggagaaaag agaacgcctc aaagagttgc tgagagctaa 180
 attaattgaa tgtggctgga aggatcagtt gaaggcacac tgtaaagagg taattaaaga 240
 aaaaggacta gaacacgtta ctggtgatga cttggtggct gaaatcactc caaaaggcag 300
 agccctggta cctgacagtg taaagaagga gtcctacaa agaataagaa catt 354

<210> 2152
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 2152
 cgccggtgtg atacactgac ctgactatta acagcccaat atctacaatc aaccagcaag 60
 tccttattac cctcactgtc aacccaacac aggcattgtc gtgggaaacc accctttatt 120

tgagattaaa	aaagggggct	ttttttttaa	aagccccacc	acttggcata	tcctgggagg	180
ggttggcccc	cccccccct	tggtggccgg	ggaaaagggc	cttttttttg	aatttttgga	240
acccccgggg	ttttttgggc	cccttataac	ccggcatt			278

<210> 2153
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 2153						
gggaaatgcg	tgttctagct	ttctgtgtgc	ttaggtgccc	gagctactga	gggtctaagt	60
ccgggcagcc	gaagagtgtg	gtcgcacgat	gaacaaagat	gcgcagatga	gagcagcgat	120
taacccaaaag	ttgatagata	ctggagaagg	agaacgcctc	aaagagttgc	tgagagctaa	180
attaattgaa	tgtggctgga	aggatcagtt	gaaggcacac	tgtaaagagg	ttattaaaga	240
aaaagggacta	gaacacgtta	cttgtgatga	cttgggtggc	gaaatcactc	ccaaaggcag	300
agcccttgta	cctgacagtg	tgaaaaaagg	agctcc			336

<210> 2154
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 2154						
agaacttgag	aaactataaa	tacatagaaa	ctaagcaaca	tgctcttgaa	tgatcattag	60
gttaaggaca	aaattaagga	gaaaatcaaa	aaaattcttg	caacaaatga	aaattgaaac	120
acaacatacc	aaaaacctac	gggatgtgga	aaagaaggaa	aatttccagc	aataaatgcc	180
tacatggaaa	aaatagtaag	atttcaaata	aacaatctaa	caatgcaact	ctataagcta	240
gatacacaaa	aacaaaccag	actcaaaatt	agtaaaataa	ataataagat	cagagcaaag	300
ctaaataaat	acgagagatc	aatcaaacaa	acat			334

<210> 2155
 <211> 331
 <212> DNA
 <213> Homo sapiens

<400> 2155						
ttctgtctca	gcctcccgag	tatctgggac	tactggtgcc	caccaccaca	cctggctagt	60
tttttgtatt	tttagtagag	acgggggttc	accatgttgg	tcaggatggg	ctcgatctct	120
tgacctcgta	atgtacccga	ctcgggctcc	caaagtgcct	ggatgacctc	tacgtatctg	180
ttagatttac	ttctccacgt	tottatcaac	ctgtttgcgt	atgctcatga	gctgtttctt	240
gttcggggag	tgaagccagg	ccttttcctt	tctcttatgc	agagtaactg	ccactgcctg	300
ggactttcag	tcaacctcgt	gcgccaggca	c			331

<210> 2156
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 2156						
aaattaacaa	tctaacatca	cacctagagg	aactagaaaa	acaaaaacat	actaacccca	60
aactggcaga	agaaaaaaaa	ataactaaaa	tcagagcagt	actgtacaga	attgagaccc	120
aaaaaaaaatca	tacaaaaaatt	caacaaaacc	aaaagggtgg	tcttccaaag	gataaacaag	180
attgatagac	cacaggctaa	attaacaaag	aaaagagaaa	agatccaaac	aagcacaatc	240
agaaacaaca	aaagtgaat	taccatcaat	cccacaaaaa	tacaaaaaat	cctcaaaaac	300
tattatgaaa	acccttatgc	acaccaacta	aaaa			334

<210> 2157

<211> 337
 <212> DNA
 <213> Homo sapiens

<400> 2157
 agtgagccat gattgtgccca ccacactcca gcacaggcaa aaaagcagac cctatattcta 60
 aaaaaaaaaa aaattaaaat taaaaacatt tttaaagaat gacatttcac aatgataaaa 120
 tgacaaaacc atcatgatga tataataatt acaaacatat atgcccctaa caacagagcc 180
 tcaaaataca tgaagcaaaa gctgacagaa ttgaagagta aaatcatcaa tacaaaaata 240
 atatttgag ccttcaatat cccactttca attatgaaca gaacaactac acagaagggtc 300
 aatgaggaaa taaaagattg aataacactt caaacca 337

<210> 2158
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 2158
 tacggttggt agnnnnnnnn nnngggtact gtttttctga gcacaggata taggaatcaa 60
 tctgttctta ttttataatt caggtaatat ctcccagctg taatgatgac atcacagtga 120
 aaaaggatca gtgttttagt cgatcattta ttgattctaa attgtgagta atgaatcctt 180
 taatgatggt acgtgggagg aaaaaaaaaa tagaattaca atgatagaca cctccccac 240
 caaaacttta tttttaaaag tctaatacatt catgaactga gaagttgtta cctaataagg 300
 tttgactttt tgtaatgtag ggtatttttc actaataaat ttg 343

<210> 2159
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 2159
 aggggggtgc gcgcgggtcc tccatatgct gagcgccggt cccctgggccc cacttttctt 60
 tctctatact ttggctctgt tgccctttct ttctcaagtc tctcgttcca cctgaggaga 120
 aatgccca gctgtggagg cgcaggccac tccatctggt gcccaacgtg gatgctttcc 180
 tctagggtga agggactctc gagtgtgggtc attgaggaca agtcaacgag agattcccga 240
 gtacgtctac agtgagcctt gtgggtgaag gtactctaca gtgtgggtcat tgaggacaag 300
 ttgacgagag agtcccaagt acgtccacgg tcagccttgc ggtaagcttg tgtg 354

<210> 2160
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 2160
 gatataaatt aatatacaaa aatcaattgt atttctatac acttgcaatg aatcatccaa 60
 aactaaaatt aagtaaaaaa tttcatttac agtaacatca taaagagtaa aacattttacg 120
 aataaattta acaaaaaacat tttcaacata tactctgaaa actacaaaac attgtttaaa 180
 gagagtcaaa aatatctaca gaataggaaa aagaatgcac attcacgaat aagaaggctt 240
 gatattgttt aagatgacaa tattccccaa actgatctac agattcaaag cagtctgtag 300
 cagaatccca gctgacc 317

<210> 2161

<211> 318
 <212> DNA
 <213> Homo sapiens

<400> 2161
 gcatggatga ttttcaagga tagaccatgg ctaggccaca aaataagtct ttaaaaacta 60
 aagaaaaaat ataattatgt caaatatctt ttccgattac acaggaaaaa gctagaaata 120
 acaggaattt tggaaaatat gaaaaataaa cagtatgaat gtcctgaatg actagtgaga 180
 aaacacagaa attaagaaaa aataaaaaata aattgaaaca aatgagaatg aaaacacaaac 240
 ataccaaaac ctatgagata caacaaaagc agtactaaga ggaagggttta tggcaataag 300
 tgccctacatc aaaaaagg 318

<210> 2162
 <211> 234
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 2162
 cccaggaggg ttggccggac acagtggtag tggctcacac ctgtaatcct aatgctttgg 60
 gagcctgagg cgggaggacc ccttgagccc aagaggtcaa ggccacaatg agctatgatg 120
 gtgccactgt actccggcct gggcagcaga gcaaaaccct gtctcanaag agagagagaa 180
 agccgggtgt ggtggttcac acctgtaatc ccagcatttt gggagcccaa ggc 234

<210> 2163
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 2163
 agataaataa ttgtgtcttt ccttgtgttc attctgagct ttatatatac ttaatgcata 60
 acacctatca cattggacta caactaactg tttcttcctt tctaggtaat gatctccaaa 120
 atataaacat gatttatcac ttggcacatg atatttcata aatgcttggt gaacaaacaa 180
 ataaaatact atcaaagggtg ggaaggaagg aacaaaaggg aaatagtatg agatagtttt 240
 tacctgcacg agttcattga ggacaacagc atcaaagcca gaaagggtact gcacgtaata 300
 cctctgcatt acagggtcgt atttcctcac atgtgtctta aggtc 345

<210> 2164
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 2164
 cgttgctgtc gatttcgatt ttctggaaat ataatttgct actttaaaaa ttatgtaaat 60
 tgctattggt attaagtgtg agaaaacttt gcttcatcta tgatcacaaa tattttcttc 120
 tgaaaaaaa gctctctgaa gagttttttt tttcaatgaa ggggttttct ttcttctctc 180
 catatgttat cttctgaata gctaagcaat gtttacatta tttattcagg cctttccatc 240
 cactttcacg gattccactg aaggagaaat tgggttttgaa atcctctttt ctcaaaaact 300
 aatgagtcac gcggggcccat gatgagctgt aacttotcaa gaggaagaa ccccgtagaa 360
 aactatagct ggaaggatct aggttgacct gtctgtgatt ta 402

<210> 2165
 <211> 303

<212> DNA
<213> Homo sapiens

<400> 2165
gaaggaaatt ggaaaaaaa atttaaacaa atgataatga aaacacaaca ttccaaaaac 60
tatgagatgc aacaaaagca gtactaaaag ggaagttaat agatacaagt gccacatcg 120
taagagaaaa aaaacttgaa ataacctaata gatgcatctt aaataactag aaaagcaaga 180
gcaaaccaaa cccaaattta tgagaagaaa agaaagaata aatatcatag cagaaataaa 240
ttaaattgaa acaaagaaaa caatccaaaa catcaatgaa atgaaaagtt ggtgtgttga 300
aaa 303

<210> 2166
<211> 314
<212> DNA
<213> Homo sapiens

<400> 2166
tcttcactga tgatatgatt ctatacctgg aaaccctaa acatttcacc aaaaagcttc 60
tagacttgat gaacaacttc agtaaagttt caggatacaa aatcaatgtg aaaaaatcaa 120
taccatttct atacaccaat aatgtttaag ctgagaacca aaccaagaac ataattctcat 180
ttacaataca cacacacaca cacacacaca cacacacaca cacagagata 240
ggtatatatc tacgcggggg ggtgagagat ctctacagag agatctacaa cactctggtg 300
agagaaatca gaga 314

<210> 2167
<211> 320
<212> DNA
<213> Homo sapiens

<400> 2167
ggcggcgagg gtcctccata tgctgagcgc cgggtcccctg ggcccaacttt tctttctcta 60
tactttgtct ctgttgcttt tcttttctca agtctctcgt tccacctgag gagaaatgcc 120
cacagctgtg gaggcgcagg cactccatc tgggtgcccac cgtggatgct tttctctagg 180
gtgaagggac tctcgagtgt ggtcattgag gacaagtcaa cgagagattc ccgagtacgt 240
ctacagttag ccttgtgggt gaagggtactc tacagtgtgg tcattggaga caagggtgacc 300
agagagggccc aagtacgtcg 320

<210> 2168
<211> 313
<212> DNA
<213> Homo sapiens

<400> 2168
gcggcgcgagg tctccatat gctgagcgc ggtcccctgg gcccaactttt ctttctctat 60
actttgtctc tgttgctttt cttttctcaa gtctctcgtt ccacctgagg agaaatgcc 120
acagctgtgg aggcgcagg cactccatct ggtgcccac gtggatgctt ttctctaggg 180
tgaagggact ctcgagtgtg gtcattgagg acaagtcaac gagagattcc cgagtacgtc 240
tacagttagc cttgtgggtg aagggtactc acagtgtggt cattgaggac aagttgacga 300
gagagtccca agt 313

<210> 2169
<211> 341
<212> DNA
<213> Homo sapiens

<400> 2169
ggatctcgtc ccgggtcccg cagtgggtcc cggagaggaa gcttcgacgc cacagggaat 60

tcttcctact	cttattccta	ctcatttagc	agtagttcta	ttgggcacta	gtagtcagtt	120
gggagaggac	gctatacctt	gacttcattt	ataagactat	ccactttatt	aagtagtaga	180
aaacaaaata	aagggtgctgt	gtttatgata	gacaagatat	tctcctgctt	acaacataac	240
ttaagacaga	tgggggggct	tttacgcctc	gcgtctttcg	ggctctatgt	tctccttatac	300
ccaaaaattc	gattttccgc	gttgtgtata	taaagtgagg	g		341

<210> 2170
 <211> 372
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

<400> 2170						
tacggctggt	agaatacgac	agaacgggat	tgtgtaagga	gaccaatcta	tttagatacg	60
agactaccta	tattctaact	ggatctctga	gctctgggca	gagccatcac	tggaatcctg	120
ggtctccacc	aaggggagaat	tattatgagg	ctagaccaca	cgatgctttt	acagagcact	180
taaaaaaaaa	tctttttttt	ttgagacaaa	aatttttttt	tttttgaaag	ggagtttggt	240
tttgcccccc	aggttgaagg	gtaaggccag	aatttaagct	cattgcaggc	tttgggcccg	300
gggttaatgc	cgttttcctg	cctcaccctc	caaagtatct	ggaactacag	ggccccgcca	360
ccaaaccggg	tn					372

<210> 2171
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2171						
gcggcgcggg	tcctccatat	gctgagcgcc	gggtcccctgg	gcccactttt	ctttctctat	60
actttgtctc	tggtgtcttt	cttttctcaa	gtctctcggt	ccacctgagg	agaaatgccc	120
acagctgtgg	aggcgcaggc	cactccatct	ggtgcccaac	gtggatgctt	ttctctaggg	180
tgaagggact	ctcgagtgtg	gtcattgagg	acaagtcaac	gagagattcc	cgagtacgtc	240
tacagtgagc	cttggtgggt	aaggtaactc	acagtgtggg	cattgaggac	aagttgacga	300
gagagtccca	agtacgtcca	cggtcaggc				328

<210> 2172
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(286)
 <223> n = A,T,C or G

<400> 2172						
acaacctgga	aagggtcttc	tcactacacg	gagtagtcaa	acagtcaaaa	atcaaagaca	60
aagacaaaat	tctaaaacag	caagaaaaaa	agtatctagt	cacttataag	ataaatccca	120
actgacaaac	aacaaatttc	tcaacagaaa	cctcacaggc	caggaaagaa	tgggttgata	180
cattcaaaat	gctgaaacaa	acaaaacaat	gccaaacaaa	aatactatac	ccagcaaggg	240
taacctttat	aaatgaaggg	aaaataaagt	atttctcaga	taagcn		286

<210> 2173
 <211> 360

<212> DNA
<213> Homo sapiens

<400> 2173
aaaaccactt taatacagtt tcaagatata aaatcaatgc acaaaaatca gtagcatttc 60
tatacaccaa cagcatccag ggtgcacgtg gaataaaaaa cacaatccta ctcaaaatag 120
ccacaaagaa aatgaaatta tctaggaata cagctaacca aagaggtgaa agacctgtac 180
aaagagaacc accaaacact gctgaaagaa ttcagaaatg acacaaatga acagaaaaca 240
ttccatgctc atggattgaa agaatcaatg tcatttgaaa tgtccatact gcacgaagta 300
atttaaagat tcaatgctat tcctatcaaa ctaccaatgt cattcttcat aggattaaaa 360

<210> 2174
<211> 345
<212> DNA
<213> Homo sapiens

<400> 2174
aaaaccactt taatacagtt tcaagatata aaatcaatgc acaaaaatca gtagcatttc 60
tatacaccaa cagcatccag ggtgcacgtg gaataaaaaa cacaatccta ctcaaaatag 120
ccacaaagaa aatgaaatta tctaggaata cagctaacca aagaggtgaa agacctgtac 180
aaagagaacc accaaacact gctgaaagaa ttcagaaatg acacaaatga acagaaaaca 240
ttccatgctc atggattgaa agaatcaatg tcatttgaaa tgtccatact gcacgaagta 300
atttaaagat tcaatgctat tcctatcaaa ctaccaatgt cattc 345

<210> 2175
<211> 358
<212> DNA
<213> Homo sapiens

<400> 2175
gcaagtaaag caggtgcatc taaaccagga aggagaacat acttggccct tgtttcttcc 60
catttttgtt ttttctcatc aaaagctttc ttcataatth ggtaccactt tctgaaatca 120
aaccatggct tatctgaaag aaataaaaatc caagattatt aaccaaaata accacactat 180
aataatatac attgttcatc tgagttttca ttaattgact gcaactgggca gttgggtgtga 240
gtgtgtgatc aagatgtaga cattagagag acaacagaac tgaatgcagt aaagtataaa 300
aactcactcc tcactctttc actccatata gggattattc tccattattc tctggcga 358

<210> 2176
<211> 407
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 2176
cggtgctgtc ggttgctcct ggtcactccc tttatagcca ttactgtctt gtttcttgta 60
actcagggtta gtttttggtc tctcttgctc cactgcnnaa aaaaaaaaaa aaaaaaaaaa 120
aatttaccctt cttaaaaaaa taaaaggggg gaaaaccctc cccccaattt tttggggttt 180
ttgaagagga attttttttt tttcccttgg ggggaaaaaa attttttttt ttggccattt 240
taaaccctccc cttttttggg gggggccctt ttttggaag ggccctttaa caaacctta 300
accgggggtt ttttaacccc gggggggggg ggggggcggg gcaaaaattt tttttggggc 360
ccctggcggg gttttttttt tttttaaaag aaattggggg ccccat 407

<210> 2177

<211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2177
 aattctcaat aattaagtat agaaggaagg taccgccaaa caataaagac cacatgtgac 60
 agactcacgg ctaacatcat attgaatggg gaatagctga aagtaagaac tggacagga 120
 caaggaggcc ctttttcaact actgttttgt gatatggtag tggaaatcct agtcagaata 180
 attaggaag agaaagaaat aaggggaatc caaattagaa agaaggaatt caaattgtcc 240
 ctgttttcac aggacatgat cttatatata gaaaaaccta gactccacca aaaaactctt 300
 agaactgata aacaaattca gtaaagtt 328

<210> 2178
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 2178
 gggccccgga aatgcgtgtt ctacttttct gtgtgcttag gtgcccgagc tactgaggggt 60
 ctaagtccgg gcagccgaag agtgtgggta gcaagatgaa caaagatgag cagatgagag 120
 cagcgattaa ccaaaagtgt atagaaactg gagaaagaga acgcctcaaa gagttgctga 180
 gagctaaatt aattgaatgt ggctggaagg atcagttgaa ggcacactgt aaagaggtaa 240
 ttaaagaaaa aggactagaa cacgttactg ttgatgactt ggtggctgaa atcactccaa 300
 aaggc 305

<210> 2179
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 2179
 cgtggctgtc gaccgtttat atgtttttct tttggctctga aatactttctg aacagaggtt 60
 atttttttta gaaaaaggcc gagacggggc tttactatgt tgcccaggct gctgtctaac 120
 tcttgggctc aagcgatcct tctgccttgg cctcccgaag tgctgggatt gcaggcataa 180
 gctaccatgc tgggcctgaa cataatttca agaggaggat ttataaaaacc attttctgta 240
 atcaaatgat tgggtgcatt ttcccatttg ccaatgtagt ctactttata aaaacaaaca 300
 gaaacaaaaa cgggaaattt ccttcaacgg cctttatttg gggtaaaggg gatccttaac 360
 cccctttttt atggaactct caaagcgggg tccg 394

<210> 2180
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 2180
 gagtgcggtc acatacttcc agaagagcgg accagggtctg ctgccagcac ctgccactca 60
 gagcgctctc gtcgctggga ccttccaggt aggacagctc ccaacgctgt ggggactctc 120
 agcaaaactt ctcttccctt tccacggctc tgcttcttct gacctcatct tagctttgct 180
 ttttattttt ttcttctgct atttttctat gatcctctaa gaaccaagtc cttgaaactt 240

<210> 2181
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 2181
 gggaacttct gtgttatttt actcttaaaa ccaaactcta ctttttcttg gtgttttttt 60

tttttttttt	gggaaccctt	caaattcagg	caaagaaggg	ggtaattttt	aaaaaccagg	120
gaaaaaacgg	ccccccatt	tggttgacga	agggttttaa	gggcctaact	gggccccagg	180
gcacaccggg	gccaaattaa	gcccggaatg	ttgcccgggc	ccgaaaaagc	ccggggcccc	240
tgtttcttta	tggggaatta	aagggcgggg	ggtaaaggaa	ccattccttt	ttctgggaaa	300
taaaaaccgc	aaagttgcca	tggcccgccc	ctttttttgt	ttcggggaat	ccaatggggg	360
ggaacttggg	gaaaacgggc	cttgggaaaa	aaaaaaaa			398

<210> 2182
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 2182						
ggattgctct	agctatttgg	ggtctttcat	gattccctat	gagtttttagg	atTTTTTTTtc	60
tatttctgta	agaatgtctt	tggatatttg	atagggattg	tgttgatat	gtagattgtt	120
ttggatagta	tagagatttt	aataatattc	attcttctag	tccatgagtg	tgaaatatat	180
ttccattttt	ttgtgtcttc	ttcaatttat	tttatcagtg	ttttgtagg	tttcttttag	240
agatttttca	cctctttgat	ttaatttatt	cctgttttgt	agctattgta	aatgggattg	300
ttttcttgat						310

<210> 2183
 <211> 226
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 2183						
tgnnnTTTTnt	atnttactta	cagaccgaag	cctcaacatc	actTTTTTTTT	accctgccgg	60
aggaggagac	cccattctat	accatcacgt	attctgattt	tggggtggcc	ctgaagtttt	120
ttttttattc	tatctggctt	cggactaatc	tccattttgt	gtgttggttat	tctggccaga	180
atatccattt	ttttacattg	ggtgcggcct	gggcttcctt	gtactg		226

<210> 2184
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 2184						
tgacgctacc	agctgagtta	caagagaaaa	tgatcacatg	catcagaggc	ttggagaaaag	60
ctaaagtgat	tcagccaggc	tacggtgttc	agtatgatta	cttagatccc	cgtcagatca	120
ccccttcctt	ggagactcat	ttggttcaac	gactcttctt	tgctggacag	atcaatggca	180
ccactggtta	tgaggaagct	gcagctcaag	gtgtgatagc	cggaatcaac	gccagtcttc	240
gggtcagtcg	caagcctccc	tttgtggtta	gccgaacaga	aggttacata	ggagtcttga	300
ttgatgacct	cactactctg	ggcaccagtg	aaccataccg	catgtttacc	agccgagtag	360
agttccgttt	gtcactgcgc	cctgataaat	ctgacagccg	gct		403

<210> 2185
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(397)
 <223> n = A,T,C or G

<400> 2185
 cggttgctgtc gcgacctgct tctgggtcgg ggtttcgtac gtagcagagc agctccctcg 60
 ctgcgatcta ttgaaagtca gccctcgaca caagggtttg ccgttgctgt cgctagcagt 120
 ggaagaagac tgaatatctc gtataccaga aacatgactc ttaaagatgg taaaaacaat 180
 gtagccatag ctgtaacgta taaccatgat gggctcttata gcatgcagat tgaagataaa 240
 actttccaag tccttggtaa tctttacagc gagggagact gcacttacct gaaatgttct 300
 gttaatggag ttgctagtaa agcgaagctg attatcctgg aaaacactat ttacctattt 360
 tccaaggaag gaagtattga gattgacatt ccagtcn 397

<210> 2186
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 2186
 ggctgactct cttttcggac tttagccgcc tgcacccagg tgaaataaac agccttggtg 60
 ctcacacaaa gcctatttgg tggctctcctc acatggacgt gcatgacatt ggggtgctgaa 120
 acccgggaca ggaggactcc ttccgggagac cagtcccctt cccctgtcct cgccctcact 180
 ccttgaggag atccacctgc aacctcgggt cctcagacca accagcccaa ggaacatctc 240
 atgaatttca aattggatct tcttgactta gcagctgaag actgatgctg cccgattgcc 300
 ttggaaa 307

<210> 2187
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2187
 aaagaccatt atggggcact ggacaaacac atgaatacac agaccattga cactataaag 60
 caaccacaca ctcgagagga cagtaataat tagctgacga cacaagatca ggatcagagc 120
 cacacctata aactctaacc ttgaatgtaa atggcataaa tctcctgatt aaaaggcaca 180
 gagtggcaag ctggataaag aagaaatacc caatcgtagt ttgtcttcaa gagacccatt 240
 tcacatgcaa tgacacacat aggctcaaaa taaagggaag gagaaaaatc tggcaccocaa 300
 gaggaaaaca gaa 313

<210> 2188
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 2188
 tgcgtccaga ggacctgtcc ggcagcacct ccatgcctga gccaagcca gggctcatgt 60
 gaaggctcct gaagtaactc caagcccaga ggagcagtgg gacaaggcag ggagacaggg 120
 gcggcaacgc gagctcttca ggggaggctc ctggactgcc taagcattgt tcctcccacc 180
 cactgggcag agggccccta cccccaggca gcgccagctg gaccaagcca ggaaccacga 240
 gccagcggcc tgagcactca ccggtctcca catcctgcac gtagaagtgc aggtcatcag 300
 tgatctcagt cacaaacacg ggcttgttagc tagcagatcg ctccttgtct cagcactggc 360
 atca 364

<210> 2189
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 2189
 tgggaggggtg aggaggggcat atcacttgaa tccaggtggt cgagatcagt gtggacaaca 60
 tgatgaaacc ctgtctctac caaaaatact gaaattagct gtgcatgggtg gcactcgct 120
 gtagtccag ctatttgggg gactaggcca gaggatcact tgagccaggg aggttg 176

<210> 2190
 <211> 178
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 2190
 ttggaacca cagtttcatg cccatcgctc tagaattaat tcccctaaaa atctttgaaa 60
 tagggcccg atttacccta tagcaccctc tctagagacg ggggncnnan natnntnntn 120
 nnnaaaaagg ggggtgtttt aaggacccca acagatgagc tccgctctgc agctggcg 178

<210> 2191
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 2191
 agtgggcatg gctggggctg cacactccat ggagccaacg gaagccaaga acaggcggga 60
 gccctactcc cttctgagtt ggcagggcca gtgcagctgc agccaaccag ctgtagctgt 120
 ggaccaggc atccctgcac tcttgactca ggaagcccc tgccccaca ggctcaaaaa 180
 tgctgtctcc cactgcctgg cctcttctcg ttcctggctc ccgctccaat tttggagcaa 240
 agttgaggct gagcccaggc actgtcgcaa cctgccacag tgcacgcagt ctgaggcag 300
 cactgataca ccagcccct gccaaacttg ccctctctgg gctttgggca gaga 354

<210> 2192
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2192
 gtgateccaca cacctcggcc tcccaaagtg ccgggatgac aggtgtgagc cactgtgcct 60
 ggcctgaaat gattatgtct ctatgtataa ataaatgaaa atcaaggcca ggcacggtg 120
 ctcatgtctg taatcctatc actttgggtg gccgtggcag gtggatcaca aggtcacgag 180
 ttcaatacca tcctggccaa tatgatgaaa cccatcttt attagaacta cccatattta 240
 tccggtcgtg atggagaaaa cctgtagtcc cagctactcc ggaggctggt ggaataactt 300
 ttttaatctt tct 313

<210> 2193
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 2193
 tgttgcatgc gaggactgca acagcccact gacagcactg gacagatcac cgcagaaaac 60
 taacaaattc tcgacttaaa ttgaagtttt gaccaaattg acgtaataca cacgtacaga 120
 ataccctacc caacaaccac agaatacaca ttttactcat ctttgcatgc tctaaaaatg 180
 accacatgct cagtcataaa gcaagtctca ataaattcaa aaaagcagaa atcataccaa 240
 gcatctgttt ggaccacagt tgaataaaaat tagaaatcaa taccaagaat aactctgaaa 300

gccacgtaag tacatggaaa tgaaacg

327

<210> 2194

<211> 387

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(387)

<223> n = A,T,C or G

<400> 2194

agataaacat	aatggaaag	atatcttg	ttcatggatt	agaaggctta	acattattaa	60
aatagctata	ctaccacaaa	caatctacag	attgttattc	caatccaaat	cccaaagta	120
tgttttacag	aatagaaaa	caccatccta	aaattcagat	gcaatgacaa	aagagcaata	180
gccaaagcaa	tctcgagaag	gaaaaacata	gttggaggta	tcacatttcc	tggtttgaaa	240
atagattaca	aagtcattgt	aattaaaaaca	gtatggcaca	ggcataaaga	cacatataga	300
ccaatggaat	agaatacaaa	gcccagaatg	aaattcacac	acatatggtc	aactgccttt	360
gacaaagggtt	cgaanagtac	acaacag				387

<210> 2195

<211> 256

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(256)

<223> n = A,T,C or G

<400> 2195

accttactac	cagacaacct	tagccaaacc	atttaccxaa	ataaagtata	ggcgatagaa	60
attgaaacct	ggcgcaatag	atatagtacc	gcanaaaaaa	aaaaaaaaaa	aaaaaccttt	120
ggggggcggt	tttttcggaa	atcccaaccg	ggaaaaaaacc	ttgggggggg	tgggcccacc	180
ccccctaaa	agggcgggga	aaaaagggtt	tttttgggaa	attgggaggg	ctttgggttt	240
tttgggaccc	cataaa					256

<210> 2196

<211> 330

<212> DNA

<213> Homo sapiens

<400> 2196

gttccttaga	acgtgcaatg	ccacagtcag	agacgttcaa	actggaagcc	aggacaacaa	60
gatgctgact	taaagctgtg	gacagccttc	tccaagatgg	cagaagaaga	ctccatgtca	120
taatgactct	tacccttttt	aatttttttt	tacttatgcc	tgctcttttc	acttgggaag	180
aaaatgctgg	caccacaatt	tcacaattcg	catcttttgg	ggaaaaaagg	ctggatgggt	240
cacccttttt	tagctgctgt	tatttggtta	ttttggcgcc	cgcttttttt	acttggcggt	300
aagagggtcg	ctcttttaaaa	tttccacacc				330

<210> 2197

<211> 319

<212> DNA

<213> Homo sapiens

<400> 2197

ggtacaagtg	tccaatggtg	ctatatctct	tcttgatttt	tggctaccct	aatccatta	60
tgcagatagg	gctggtgttc	tgccagtttg	cacatcttcc	cactaaggta	tgctctgttg	120
tatctttcag	gcttattcaa	acctccttag	agctaacatg	gatgggttga	agaagagaga	180
caaaaagaac	aaaactaaga	agaccaaagc	agcagcagca	gcagcagcag	cacctgccgc	240
agcagcaaca	gcagcaacaa	cagcagcaac	aacagcagca	acagcagcac	agtaaagggc	300
atacatcttc	tgctttcac					319

<210> 2198

<211> 380

<212> DNA

<213> Homo sapiens

<400> 2198

tactacgggt	gcgacatgac	gacagacagt	gatcagggcg	cacacacccc	aactgacagg	60
cggtgcctct	gctggcttat	atgtgcttgt	ctggcagcta	tggctagagc	tgtggccctc	120
ccaacctgca	actggcgatc	tgacaacggg	cagacgcgtc	tcctctagt	tttccgtgac	180
ccctgacccg	cgagcacgct	atctgggagg	caccccttag	tatgggcaga	ctgacacctc	240
acacggccgg	gtactcctct	gagacaaaac	ttccagagga	acgatcagac	agcagcattc	300
gtggatcacg	aaaatccgct	cttctgctgc	caccactgct	gtgaccagg	caaacagggg	360
ctggagtgga	cctctagcaa					380

<210> 2199

<211> 346

<212> DNA

<213> Homo sapiens

<400> 2199

atctttctct	tccccaccac	agcatctttg	cgtgtgtgtg	tcggcgggtg	ttggaggggg	60
caagttaagc	ctcattccct	ataatttggg	acattccttc	ggatttgatc	gagtcagata	120
gagtttgtca	aacccaatgg	gaaaaagact	aaaggaacta	caaacacaga	acaaacaaat	180
gacaacaaca	acaaaaaac	aggtaagcaa	aacaaacaat	caattgcaca	acttatacaa	240
ttagttagca	ctctaattgt	aaggagaaat	taagtccagc	tggttggtta	tcttaacttt	300
ggccaagaca	aaccccagtt	cagttactta	cctgcagacg	ggtctc		346

<210> 2200

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 2200

cactacctat	aaaatcccaa	acatataact	gaactcctca	cacccaattg	gaccaatcta	60
tcacctata	gaagaactaa	tgtagtata	agtaacntgg	agaaaagggc	cattttttgg	120
aattaatagg	gggggggttt	tttt				144

<210> 2201

<211> 316

<212> DNA

<213> Homo sapiens

<400> 2201

atctgtgaaa	agatatttgg	taacacatta	aggcctatgg	tgaaaaagga	aatatcttca	60
gataaaaacc	agaaagaagt	tttcttagaa	actgggtttg	cttgtgtgca	tttatctcag	120

agagttaaaa	ctttcttttg	attcagcagt	ttagaaacac	tgtttttgtc	cattctgtga	180
atggacgttt	gggagctcat	tgaagccaac	gtcaaaaagg	tgactaacc	aggattaaaa	240
cttgaagaaa	gctatctgag	aaatagcttt	ctgatgtgtg	cattcatctc	acagagttaa	300
aactttctct	tcattc					316

<210> 2202
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 2202						
aaagatctca	atgaaggatc	taacatcaca	cccagaagaa	acagaaaaac	aagaggaaat	60
caaccacaaa	gctagcagaa	aaaaagaaat	aaccaaaatc	agagcctatt	tgagtgaat	120
ggaaatgaca	aaaagataca	aaaaatcaag	gaaactaaaa	attgtatttt	tgaaagacta	180
aataagattg	atacaccagt	aactagacta	atacagaaaa	aaagagagaa	gatccaaata	240
aacacaatca	taaatcacaa	ggaggacact	aacaccaacc	ctacagaaat	acaaaagatt	300
tctcacagac	tattatgaat	tctctatgca	cacaaagtgg	aaagccagaa	gaattagata	360
aattct						366

<210> 2203
 <211> 451
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(451)
 <223> n = A,T,C or G

<400> 2203						
gtcgtggagg	tggatctggc	aattttatgg	gtcgcggagg	gaactttgga	ggtggtggag	60
gtaatttttg	ccgtgggtgga	aactttggtg	gaagaggagg	ctatgggtgt	ggaggtggtg	120
gcagcagagg	tagttatgga	ggaggtgatg	gtggatataa	tggtattgga	ggtgatggcg	180
ncnctatcg	cggcgcccc	ggcccttgcc	tcctggcctg	ctatcctggc	ggcgcgcccc	240
cctgtctccc	ccacgcgctt	cgccctgggtg	gtacccggag	gatttcactc	gaacgtcctc	300
cacggcctgt	tgccgccttg	tccctttcgc	ggcctccctt	tctcctgggg	cccattctgc	360
cggagaatng	actatctctc	ccccctgaca	ctagcttcog	tcactccctg	accccganc	420
ctatctcttc	ctcccaccgg	ggccccccac	n			451

<210> 2204
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 2204						
ttagcagaaa	cgatagcctg	ttatagtgga	cagcttgctg	ctctgacgga	tgaaaacaca	60
acgtccgtt	ctaaactgga	gaagcaaaga	gagagcgggc	aaagactgga	aacagaaatg	120
caatcatacc	gttgtagact	gaatgctgct	ctatgtgatc	atgatcaaag	tcaatcatca	180
aaaagagacc	aagagcttgc	tttccagggc	acagtagata	aatgttgtca	tttacaggaa	240
aatttgatt	ctcatgttct	gattctttct	ctgcaacttt	ctaaagctga	gagtaagttc	300
agagtccctg	aaactgagct	ccattacaca	ggagaggctc	tgaaagaaaa	ggctttggtt	360
tttgaacacg	ggcaaaggga	gctan				385

<210> 2205
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 2205
 cggttgctgtc gggcaagcgt tcgatttttt gtcgttggat cgcgagcggg gtctgcttgt 60
 gccgccgagg gctcccagga cagggcaggg atctaggggg tttgcgcacc tgctttttta 120
 tgccccgccc cccctttttt tttttaagg ggggggggtg aaagtgaggg aggaaaaggg 180
 acaaaatact gactggaacg taaattcgag catttcttat gcgaagagcg gataaccagt 240
 tccggattct tttttaagtt tctccattag ataaatttaa ttttcaaagg ctccgggttg 300
 caggctaaat tttgaaacta gcccggggtt tggcaaaatt tgactgaatc ctggggggag 360
 aggctggacc cacgcccaag ggtatctaga atattgagcc cggcagttca aaccagg 417

<210> 2206
 <211> 410
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 2206
 cggttgctgtc gggcggggggt ccgggagaag cggcggggtc gcgggacagg agaagcggag 60
 gaagagtatg tggggccccc gctgagccga cggattttgc agcaagcacg gcagcaacag 120
 gaggaactcg aggccgagca tgggactggg gacaagcccg cggcgccgcg ggaacgcacc 180
 acgcggctgg gtccaagaat gcctcaggat ggatcagatg acgaggacga ggagtggccc 240
 accctggaga aggctgccac aatgacagca gcggggccatc atgcagagggt ggttgtggac 300
 cctgaggatg agcgtgccat agagatgttc atgaacaaga accctcctgc caggcgcacc 360
 ctggctgaca tcatcatgga gaagctgact gagaagcaga cagaggttgn 410

<210> 2207
 <211> 413
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 2207
 ggcacgagag gcactgagtt catttactg acacggcccc tggactccca cctagaacat 60
 gtggatttta gttctctatt gcactgtctc agttttgaac agatacttca gatctttgcc 120
 tctgccgtgc tggagagaaa aatcatcttc ctggcggaag gtctcagcac cttgtctcag 180
 tgcattccatg ctgctgccgc actgctctac cccttcagct gggcgcacac ctacatccct 240
 gttgtccctg agagccttct ggccaccgtc tgctgcccc ccccttcat ggttggagta 300
 caaatgcgt tccagcagga ggtcatggac agccctatgg nagaggctct gctgggtaat 360
 ctttgtgaag gaaccttctt aatgtcgggt ggtgatgaaa aagacatcct gct 413

<210> 2208
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2208
gccaacagta agtttttttac aatagccatc ctaatgagtg tccatatacg gttttttttt 60
tttggttgga aaggagagtct ggttttgttc cccagcctga agggcagggg ggcaattttt 120
gttaattgaa aactccgcct ccaagggttaa cgcatttttc tggcctaacc ctccaaggta 180
gctgaaacta caaaggcccg cccccacccc gggctaattt tggattttta agaacaaacg 240
gagttttatt acgtggggcg ggtgggtcta aaactccgga cctaagggga cccccccgccc 300
tggccctccc aagggggcggg aataacgg 328

<210> 2209
<211> 327
<212> DNA
<213> Homo sapiens

<400> 2209
cactgcaagg tccacctccc ggggttcacgc cattctcctg gctcagcctc ctgagtagct 60
gggactacag gcgcccgcga ccatgaccgg ctagtttttt ttggattttt agtaaagaag 120
gggtttcacc gtgtagcca tgatggtctc gatctcctga cctcgtgatt tgtccgcctc 180
agcctcccaa agtgctgact ctgtgcgcgg gcagttgcta atcggactga tgcgtgcttc 240
attcgagtta ttggatctga gcttgtagacg aaatacgtcg gtgagggggg tcgaatgggt 300
cgtgaactct ttgaaatggc cacaaca 327

<210> 2210
<211> 397
<212> DNA
<213> Homo sapiens

<400> 2210
cgttgctgtc gctccctatc taccctcacc ccacgagaca gccccttcag gtatgtgtgt 60
gtgtgcatgt gtgtgcatgt gtgtgcatgt gtgtgcaggg gtgtgtgtgt gtgggggggg 120
ttcccaaata ttcaggggcaa gggaccagtc ggaagggtatt ctggctattg ggggagccca 180
gagacagggg aaggcagcct gtccatctgt gcataaggag aggaaagtcc cagggtgtgt 240
atgtttcagg ggcttcacat ggaggagctg cagatagata tgtgtttctg tgtatgtgta 300
tgtctgcctt tttttctaag ggggggcttc tacaggcttt tgaaagtaag gtggaagtgg 360
taaggctgat aagaaaaaac aaacttattt tgtagcg 397

<210> 2211
<211> 337
<212> DNA
<213> Homo sapiens

<400> 2211
aacaaaacaa ttatcagcca agaattttgt atccagtcct atgtttgccc tccttaaaca 60
aaacaattat cagccaagaa ttttgtatcc agcaaaacta ggcttcataa atgaaggaaa 120
gataatcttt cagacaaaca aatgctgaga gaatttgcca ctaccaagcc aacactataa 180
gaaatgctaa aaggagctct aaatcttgaa acgaatcctc gaaatacaca aaaatagaat 240
gttcttaagg cataaatctc acaggatcta ttaaaacaca cacacacaca cacacaatga 300
aaaaaaaaa caaggctttt aggtaacaaa taccacg 337

<210> 2212
<211> 334
<212> DNA
<213> Homo sapiens

<400> 2212
gaacaaacca acatttgagc caggaataac tagagaggaa caatgggggtt attcagaggt 60
tttgttttcc tcttagttct gtgcctgctg caccagtcaa atacttcctt cattaagctg 120

aataataatg	gctttgaaga	tattgtcatt	gttatagatc	ctagtgtgcc	agaagatgaa	180
aaaataaattg	aacaaataga	ggatatgggtg	actacagctt	ctacgtacct	gtttgaagcc	240
acagaaaaaa	gatttttttt	caaaaatgta	tctatattaa	ttcctgagaa	ttggaaggaa	300
aatcctcagt	acaaaaggcc	aagacatgaa	aacg			334

<210> 2213
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 2213						
gagcactttg	aggcctatgg	tgaaaaagaa	aatatcttca	gataaaaact	agaaagaaac	60
tttctgagaa	actgctttgt	gatgtgtaca	ttcatctcac	agagttaaaa	ctttcttttc	120
attcagcatt	ttgggaagta	tgtttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaatc	240
catTTgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggt	ttttgtagaa	cc				322

<210> 2214
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 2214						
gctaaaccta	gccccaaacc	cactccacct	tactaccaga	caaccttagc	caaaccattt	60
acccaaataa	agtataggcg	atagaaattg	aaacctggcg	caatagatat	agtaccaaaa	120
aaaaaaaaaa	aaaaaaaaaa	aaaagggggg	ggttttttcc	ggaaacccca	aagggaaaaa	180
aacctttggg	ggggggggaa	aacccccctt	taaagggggg	ggaaaaaaag	ggtttttttg	240
gaaaattggg	gaggggttgg	ttttttttga	aaccattaaa	aggggggaaa	aaaaa	295

<210> 2215
 <211> 314
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 2215						
gatttgccat	agtagttaag	ataatacagg	ctttgccctt	tcaaatgcca	taggtgttat	60
tgactagtac	catataatcg	cctttaattc	ttaaactagt	tcacgtcata	cattttaatt	120
atcctagtct	ctgtaattga	tatttatcat	gaagattgca	ttgctcttat	ttcagaaaaa	180
tatgttgaga	aacttttttg	agtaaacaaa	gatcgaatgt	caatggacca	gatggctgtt	240
ctccttgtta	gcaatatcaa	tgaaagtaaa	ggcatagta	agtacatata	taantgtgtg	300
tgtgtgtgtg	tgtg					314

<210> 2216
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 2216						
actgaatgac	tgattggtca	atgaaaaaaa	ttaagaagaa	aaatttttaa	attcttttaa	60
caaattggaa	tggagacaca	acataccaaa	gcctatggga	tacagcaaaa	gcactactaa	120
gaggaaagtt	tatagcaaca	agtgcctaca	tcaaaaaagt	agaacttcca	ataaacaact	180

taatgatgca	tcttaaagag	ctagaaaacc	caaatagtag	aggaaaagaa	atagtaaaga	240
ccagagcaga	aaaaaataaa	attgaaatta	aaaaattaca	aaagatcaat	gaaacaaaaa	300
gttggatggt	tga					313

<210> 2217
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 2217						
gagcactttg	aggcctatgg	tgaaaaagaa	aatatcttca	gataaaaact	agaaagaaac	60
tttctgagaa	actgctttgt	gatgtgtaca	ttcatctcac	agagttaaaa	ctttcttttc	120
attcagcatt	ttgggaagta	tgtttttgtc	cattctgcaa	aaggacattt	gggagctcat	180
tcagaccaat	ggcaaaaaag	aaaatatccc	aggataaaaa	ctagaaggaa	gctgagaatc	240
catttgtgat	gtgcgcattc	atctcacaga	gtgaaaattt	tcttttgata	catcagtttg	300
gaaacatggg	ttttgtagaa	cctgtgaagg	gg			332

<210> 2218
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 2218						
gatatactta	gaacatttta	tccaacagca	gcaggacaca	catttttctt	gagagcagat	60
gagacattct	ccaggacagc	ttatcttttg	gaccacaaca	caagttttta	aacatttaag	120
aagactaaaa	taatatcaac	tatcttttcc	aattgcaata	gtatgaaact	agaaatcaat	180
aataggggga	aaactagaaa	acacaaatat	gtggaaatga	aacaatgcat	tcctgaacaa	240
tcaatgggac	aaaagaggaa	tcaaaatata	aattaaaaat	taccttgaac	caataaaaaat	300
ggaaacacaa	cacatcaaaa	cttgttag				327

<210> 2219
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 2219						
tcccatcgat	tcgaattcgg	cacgagctgg	cccgggtggcg	ccagagctgt	ggcgcgtcgc	60
ttgtgagtca	cagctctggc	gtgcaggttt	atgtggggga	gaggetgacg	ctgcgcttct	120
gggcccgcgg	cgggcgtggg	gaaaaaaaga	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	180
aaaaaaaaaa	aaaaaaaaaa	aaaaactttc	tccaaaaaaa	aaagaaatgt	atcataagcc	240
atgcaacaat	tacaaacgca	cacgctgggt	ctcccaacaa	acacaaaccc	aaaatatatt	300
acaaagcttt	tcttttgga	aagacccaga	cccacttatt	aataggaaac	ccaaaaaagg	360
gcaacaagca	aacaaaaacac	agctttacca	cttgtataag	tgtgacctac	aggggg	416

<210> 2220
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 2220						
ggtctttcga	acaacaatat	tcaccaattc	ccaggattga	agtggatggg	ccctttggca	60
cagccagtga	ggatgttttc	cagtatgaag	tggctgtgct	ggttggagca	ggaattgggg	120
tcacccccct	tgcttctatc	ttgaaatcca	tctggtacaa	attccagtgt	gcagaccaca	180
acctcaaaac	aaaaaagatc	tattttctact	ggatctgcag	ggagacaggt	gcctttttct	240
ggttcaacaa	cctgttgact	tccctggaac	aggagatgga	ggaattaggg	caagtgggtt	300
ttttaaacta	ccggttcttt	ctcaccggat	gggacagct			339

<210> 2221

<211> 124

<212> DNA

<213> Homo sapiens

<400> 2221

ggacgctttt	catctgtccc	gctgcgtggt	ttcctcttga	tgggaactc	ctgcttctcc	60
ttgcctcgaa	atggacccca	actgctcctg	ctgcctgtt	ggcttctgtg	cctgtgccgg	120
cttc						124

<210> 2222

<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(385)

<223> n = A,T,C or G

<400> 2222

caaacagtgt	ttccaaacag	tgaatgaaaa	gaaatgttta	actctgccag	atgaattaca	60
caacacatag	caattttctca	catagcttcc	ttctcgtttt	tacccttagg	tagtcctttt	120
ttgccattgg	cctcaaggag	ttccaaaagt	ctattttag	aatggacaaa	aagagtgttt	180
gcaaaactact	catacaaaaag	acatgtttta	gtcagcaaga	tgaaagcaca	catctcanag	240
aggtttccca	gatagcttcc	ttccagtttt	tatcctagga	tattcctttt	ttctaccttg	300
gcctcaatga	tgtccaaaat	gtttattttc	acagtggact	aaaacagtat	ttccaaactg	360
ctgaaacaaa	agaaagattt	aactt				385

<210> 2223

<211> 337

<212> DNA

<213> Homo sapiens

<400> 2223

ctcacataaa	cttaaggtaa	aggggtggac	aaagatatcc	catgcaaattg	gacaccaaaa	60
gtgagcagga	gtagctattc	ttatatcaga	caaaacaaac	cttaaagcaa	cagcagttaa	120
aaaaagaggg	accttatata	atgataaaaag	gactagtaca	aaaggaaaat	atataatgat	180
aaaaggacta	gtacaaaagg	aaaatatcac	aatcctaaat	atatatgcac	ctaactctgg	240
agctcccaaa	tttataaaca	attactgcta	gacctaagaa	atcagataga	tggaacacaa	300
gcaatagtgg	gggactttaa	tactccactg	acagcac			337

<210> 2224

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2224

aaacaaaatg	cccatgttgg	tcctctgcc	tggacctg	atattctgga	ctatttctgc	60
gtttatttgc	ggccgagtgt	aacaaccata	taataaatca	cctcttcgcg	tgtttttagct	120
gaagaattaa	cacaaaaaaa	aaaaaaaaa	aagaaaaaaa	caaaaaaaa	aaaaaaaaa	180
aatggaaatc	tgaaagccat	cccaaaagaa	gaccacccc	caaaagaaag	tagaaccaaa	240
accctggaga	gctccccta	ccataggact	ctctcgtag	atccgtgact	ataaaaaaaa	300
ccggggggaa	gagccgggcc	acccattct	acaggccaac	tagggaccct	cgagataccc	360
ccttatttct	ggcgccctga	gagaaggggc	cccaaacgga	ccccgaaatt	tacccccg	418

<210> 2225

<211> 328
 <212> DNA
 <213> Homo sapiens

<400> 2225
 ttacacatca gtttctcaga agacttcttt ctagttttta tctgaagagg cttccttttt 60
 taccatgggc ctcaatgctc agtgaaatat tcctttgcag atcctacaaa aacagtgttt 120
 ccaaacagct gaatgaaaag aaagggttta ctctgtgaga tgaatgcaca catcacaaag 180
 cggtttctca gataggtttc ttcgagtttt tctcctggga tattcgctcc ttcgccattg 240
 gcctcaatga gctccaaaat atccattctc agaatggaca aaaacagtgt ttccaaactg 300
 aggaatccaa agaaagggtt aactctgg 328

<210> 2226
 <211> 390
 <212> DNA
 <213> Homo sapiens

<400> 2226
 ctaaaaatca atgattggag gaatttgagg aactatacaa atacatgaaa attaaacaat 60
 atgcttctga atgaccagtg ggtcaatgaa gagattaaga agaaaattaa aaattttctt 120
 gaaacaaaca acaatgaaaa caaaatatag aaatcctatg ggatacagtg aatgcagtac 180
 taaaaggaaa gtttatagtc ataagtgcct aaatcaaaaa atggaaaaac ttcaaataag 240
 ccatgaaatg atgcatctta aaaaagtaaa aaagtaatat caatctaaag tcaaagttag 300
 tagaataaaa tgagatcaga gtagaagtaa atggaattga aatgaaaata atacaaaaga 360
 tcaatgaaac aaaaagctgc attaaaaaat 390

<210> 2227
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 2227
 ttggtgggaa attcaatact ctaagcatta gactgttgat ctagaatatt aacagatgaa 60
 cactgtattt aaactgcaca taggacccaa tggacctaac agatatttac agaacatttc 120
 atctgacagt tacagaacaa acattcttct catcagcaca tgaaacattc tccagaagag 180
 agcatatgtt aggacacaaa gcaagtctca acaaattaaa aaaattgaaa tcatattgtt 240
 tcttctcaga ccacaataaa ataaaactag aaatcaataa caagaggaac tagggaaact 300
 gtacaaatac atacaaatta aacaacatac tctctgg 336

<210> 2228
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(384)
 <223> n = A,T,C or G

<400> 2228
 cgttgctgtc gaattcggct ggcgtttccg agaccgcgga ctcccgtagg gtccccgtgg 60
 ccccgagttg tagtcgggac accccggccg cgggtgatcg tcgggtctcc acgcgcccg 120
 gtgcgtgacg cggatccggc ctccggcgcct tctcagggcg ccctgcaagg ccgcaggcag 180
 gatgaacatt ctggcaccgc tgcggaggga tcgcgtcctg gcggagctgc cccagattta 240
 agatctccaa ggtcattgtg gtgggggacc tgctgggtggg gaagacttgc ctcatataa 300
 ggttctgcaa agacaccttt gataagaatt acaaggccac cattggagtg gacttcgaga 360
 tggaacgatt tgaggtgctg gccn 384

<210> 2229
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 2229							
tcagtagcat	ttctataggc	caacagtga	caatatgaaa	atgaaatttt	aaaaagtaat		60
cccatgtaca	ataaccacac	ataaaattaa	atacctagga	attaacttaa	ccaaagaagt		120
gaaagatctc	tataataaaa	actataaaac	gctgatgaag	gaaattgaag	aaaataccaa		180
aaaatggaaa	aacattccat	gttcatgtgt	tggaagaatc	aatgttgcta	aaatgtccac		240
actaccctaa	gcaatctaca	gattcaacgc	agtcctctac	aaaatactgg	acatttttca		300
cagaaataga	aaaaacaatt	ctaaaattta	tatgaaacca	cagaagaccc	agaatagcca		360
aagctaccct	aagcaaaaata	a					381

<210> 2230
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 2230							
gtactggcct	ttgaaaagac	ccnacgaaag	ctcgcgngnn	nttttgtgcg	aagcggccta		60
cggtttttag	aagacaacag	aagggtggta	aaatcactga	ggctttacca	aaaggttatg		120
gggacaatgc	acctaataaa	atcagcagtt	tacaaatgga	taacttgtaa	caagggaata		180
gatgacgtta	aagatgaagg	ctgcagcagc	aggacatcca	catcaatttg	caaggaaaaga		240
aattaatcct	ctttgtgccc	taactgaaga	gtcagccagg	tgtggtggct	catgcctgta		300
ataccagcac	tctgggaggt	caaggcaagt	ggatcacttg	aggtccagag	tttgagacca		360
gcttggccaa	cctgggtgaaa	tccattctct	actaaaaaaa	tacaaaaatt	atccattcat		420
ggtggcgcac	gcctatatgt	ccatctactt					450

<210> 2231
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 2231							
tttatcaaag	tcccacgttc	ccaggaggag	cctgggaagg	ggtccttttg	gcgaatagac		60
cctgcctctg	aagccaagct	cgtggaacag	gcattccgga	aacggaggca	gaggggtgtc		120
tctgcttcc	gcacccctt	cgggcctctg	tcctcaaggt	aaagttctct	gagcgcccg		180
cctccagctg	ttaggaaagc	tgagctgccc	tggagttag	agatacgtgg	cgcagtcagc		240
cctccggatc	tgtgggctca	ggctcagtgt	acggg				275

<210> 2232
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 2232							
cgttgctgtc	gattttaaca	agctctttgc	tagagagact	gcagtgacag	atggttggga		60
gtttgccct	aaagctgtga	caccaatctt	ctaagtgcga	tatttggtct	gggtcgccct		120
gccagattct	ttctctat	cagaaaggga	caacagaata	agtgcattca	aaagaagacc		180
atgaggaaga	gatggatgaa	gatataataag	acttagatca	ctatgagatg	aaagaagagc		240

ctattattga	gaacaagttg	gaggatgaag	gaactgaata	agaaaattgg	gcaatattat	300
agaaaattag	gaagactgaa	aggttgaccc	tgatagtcct	ttgcacagtg	atctttatat	360
cttaacaaga	agcgatagga	gacattcttg	ttatctttca			400

<210> 2233

<211> 337

<212> DNA

<213> Homo sapiens

<400> 2233

gatgcccata	agatatggga	agctatgtta	tcaagccata	ttagatatca	agcattaata	60
tggaaataaa	ccagcctggt	tgggtgggctc	ttcacatgga	cgcgcatgaa	atttggtgcc	120
gtgactagga	tggggggacc	tcccttggga	gatcaatccc	ctgtcctcct	gctctttgct	180
ccgtgagaaa	catgcaccta	tggcctcatg	ttctcaaacc	gaccaaacca	agaaacatct	240
caccaatttt	aaatccgcct	ggcttgtgag	gccttttgac	cccaattcaa	gtcttttgat	300
accctgtgaa	ttgcacccat	actgcccaga	tggctag			337

<210> 2234

<211> 341

<212> DNA

<213> Homo sapiens

<400> 2234

agacacactg	aagcattgca	tttgaatcat	aattatgaac	catttaaaaa	ttggggattt	60
atTTTTtaat	tatgaaaaat	tctgttgtaa	tagtaccaca	tccaatttat	atgttattag	120
ctgtttgtta	cccactatTT	catttatattg	gaatgagggc	aaataatcct	gtaggcaagc	180
acgatatttt	aaaagttagg	aattctgaca	catctcaact	tttaaatacta	atagattgat	240
atgctgctga	aagaatattt	actctctgga	gacatatctg	aagctgaaca	ttgccttaag	300
gaactggaag	tacctcattt	tcaccatgag	cttgtatatg	a		341

<210> 2235

<211> 144

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 2235

tgcgtgtgga	agactacgaa	ccttaccgga	atgatggcat	ggggtatggc	gactaccgga	60
agctccctga	ccgctcacag	catgagagag	atccatggta	tagctgggac	caccggggcc	120
tgaggttgaa	ctggggtgaa	cccn				144

<210> 2236

<211> 393

<212> DNA

<213> Homo sapiens

<400> 2236

ggcacgaggg	agctggatga	tgacatggac	gggacggctc	cggtgactga	gctgcagact	60
caccgggagc	tggacacaga	tggggatggg	gcgttgtcag	aagcgggaagc	tcaggcactg	120
cccaccgacc	ttccagcacc	ttctgcccct	gacttgacgg	agcccaagga	ggagcagccg	180
ccagtgccct	cgtcgcccac	agaggaggag	gaggaggagg	aggaggagga	ggaggaagaa	240
gaggetgaag	aagaggagga	ggaggaggat	tccgaggtgc	agggggagca	tcccaaggag	300
gccccaccgt	cactgtcacc	cccgcagccg	ggcagccctg	ctgaggaaga	caaaatgccg	360

ccctacgacg agcagacgcc ggccttcac gat

393

<210> 2237

<211> 312

<212> DNA

<213> Homo sapiens

<400> 2237

cattatcact	atagaaaacc	acccaatcac	aaaaattaac	aataagagag	gaagtaagta	60
atgaaggata	tacaaaacaa	ctaaaaaaca	atcagtaaaa	taacaagagt	atgccctcat	120
ctatcaataa	taatcttgaa	tgtaaacaga	ttacattccc	cattttaaag	ataaagactg	180
actgaatgga	taaaagacat	gacccaacta	tatgctgcct	agaagaaact	cacctcacat	240
gtaaagacac	acatagactg	aaaataaagg	aatggaaaaa	tatattccac	ccaaatggaa	300
accaaagta	ag					312

<210> 2238

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2238

gttgctgtcg	cttggtgatt	gtaagtggct	gacgctgagt	gaggttatga	agctgctgaa	60
gagctttggc	gaggacgaga	tcgagatgaa	agtcgtgagc	ctcctggact	ccacatcatc	120
catgcataat	aagagtgcc	catactccgt	gggaatgcag	aaaacgtact	ccatgatctg	180
cttagccatt	gatgatgacg	acaaaactga	taaaaccaag	aaaatctcca	agaagctttc	240
cttcctgagt	tggggcacca	acaagaacag	acagaagtca	gccagcacct	tgtgcctccc	300
atcggtcggg	gctgcacggc	ctcaggtcaa	gaagaagctg	ccctcccctt	tcagccttct	360
caactcagac	agttcttggg	actaatgtga	g			391

<210> 2239

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2239

cggttgcgtc	ggcggacgct	cccgcggagc	ggaaacctca	ttgtggtgga	gagcgtgctc	60
atggcagtg	ccttcctggc	catgctgctg	gtgctgggtt	tgtgcggagc	cgcttacggg	120
cccacggagg	agatcgatct	gcgcagcgtg	ggctggggca	acatcttcca	gctgcccttc	180
aagcacgtgc	gtgactaccg	cctgcgccac	ctcgtgcctt	tctttatcta	cagcggcttc	240
gaggtgctct	ttgcctgcac	tggtatcgcc	ttgggctatg	gcgtgtgctc	gggggggctg	300
gagcggttgc	cttacctcct	cgtggcttac	agcctggaag	cctcagccgc	ctcactcctg	360
ggcctgctgg	ccctggggct	cg				382

<210> 2240

<211> 370

<212> DNA

<213> Homo sapiens

<400> 2240

ggattagaaa	cagctcaata	caccacacc	agaagacct	ggataaattc	tgggaagcat	60
gcaacctccc	aagataaacc	aagaagatat	taaagccctg	aaaagatgaa	taatgagctc	120
caatattgaa	tcagtcatta	taaacctacc	aaccagagaa	agccctggac	cagacagatt	180
cacagctaaa	ttataccaga	tgtataaaga	agagctgata	gaaatcctac	tgaacatatt	240
ccaaaaaatc	aaggaggaat	aattcctcca	taactcattc	tatgagacag	catcattcag	300
aaacacggtg	ataaaaaggaa	tctttaggcc	aaaatcttgg	aggaacatag	atgcaaaaat	360
cctcaaccag						370

<210> 2241
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 2241
 ggcacgagga gaagctgacg ggcattgtgtt ggaaacagct ggtggccggc gcagtggcag 60
 gtgccgtgtc acggacaggc acggccccctc tggaccgcct caaggtcttc atgcagggtcc 120
 atgacctaaa gaccaaccgg ctgaacatcc ttgggggggtc tcgaagcatg gtccttgagg 180
 gaggcattcg ctccctgtgg cgcggcaatg gtattaatgt actcaagatt gcccccgagt 240
 cagctatcaa gttcatggcc tatgaacaga tcaagagggg catcctgggg cagcaggaga 300
 cactgcatgt gcaggagcgc ttctgtggctg gctccctggc tgggtgccaca gcccacacca 360
 tcatttaccg tatggagggtg ctgaagacgc agctgacctn 400

<210> 2242
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 2242
 ggaagtagaa cattctgaag ggcattgtcac acgttcttca agctcactct gccagccact 60
 ggagaatgga cgtaatgagc caaggatggc accaggaagt cacgggggca gtgtttgctg 120
 ctgtccaggc aatcacagta ttggtgtcgt gtctcagcag gctgggtgtt gggggcctgg 180
 attcacaaca tacatttgaa catattgtca cccgtgcttg ctgatagaga catctctatg 240
 gagtggagggt ggcgaaatgtt gcgtcgaagt ctttgccctt ttattattta tattctcttg 300
 ttgggggggac tactccttat attttcttct ctcttcgctg ttacggaggg tgacatctta 360
 tttttttt 368

<210> 2243
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 2243
 ggcacgaggg acctcctacc gttacttttt tattcactca agaaatgatt tcttgagttc 60
 ccggcctttg ttagagagat gaacgaggca cggctcgtgt ccagctaaag gacagtagga 120
 ctggaagagc gttgttttcc aaggtagagg atgccgcgcc tcctaggagc cgaagggacg 180
 ggaggccgcg tagaggagg gaccgtcccc gagcctcgcc gagcctgcgg tgtagacacc 240
 tctggtgtct agtggttgag gatctgttga ccgggcatgg tgggtagaag gaacgctccg 300
 agcagaagaa aagtggctgt cgtgaagaca tctgcgtgtg cggcgtgcgt ggggtgcctg 360
 agatgaagct ggaaagagct gctgc 385

<210> 2244
 <211> 344
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 2244
gagaacattc tgaagggcat gtcacacgtt cttcaagctc actctgccag ccactggaga 60
atggacgtaa tggagccaag gatggcacca ggaagtcacg ggggcagtgt ttgctgctgt 120
ccaggcaatc acagtattgg tgctgtgtct cagcaggctg ggggttgagg ccctggattc 180
aaagcatcca tctgaacata ttgtcaccgc tgcacccctga gagagacagc ttcattggagt 240
ggaggtgtgt ggcctggagg cccacgtan gccaccaggc atgttttcca cgaaaaccga 300
aacttctgac gggattacta acattgggag atttccgttt cttg 344

<210> 2245
<211> 396
<212> DNA
<213> Homo sapiens

<400> 2245
ggcacgagga gaagctgacg ggcattgtgt ggaacacagct ggtggccggc gcaatggcag 60
gtgccgtgtc acggacaggc acggcccctc tggaccgcct caaggacttc atgcaggctc 120
atgcctcaaa gaccaaccgg ctgaacatcc ttggggggct tcgaagcatg gtccctgagg 180
gaggcatccg ctccctgtgg cgcggcaatg gtattaatgt actcaagatt gcccccgagt 240
cagctatcaa gttcatggcc tatgaacaga tcaagagggc catcctgggg cagcaggaga 300
cactgcatgt gcatgagcgc ttcgtggctg gctccctggc tgggtgccaca gcccaaacca 360
tcatttacc cttggaggtg ctgaagacgc ggctga 396

<210> 2246
<211> 314
<212> DNA
<213> Homo sapiens

<400> 2246
gaccgtttat gtaactttat attgggacaa tgaatccttt gaggccactt gcctaccgag 60
ccggttgatc gctgaggagc cactatttag actctattaa actttcttgt tgcccgcgga 120
accctctaaa tccccttgta aatttaactg ttagtccaaa gaggaacagc tctttggaca 180
ctaggaaaaa accttgccga gagagtcccc accttaaagg ggcgcaaaaa aaacgggttg 240
ggggtaattt tgggagacct cctgttttt taaaccacta tttagtggga aaaaaccctt 300
tttaaaaggc gggg 314

<210> 2247
<211> 364
<212> DNA
<213> Homo sapiens

<400> 2247
actgaattac aataatgaca caacctatct aaacctgtgg gatacagata acgccccggc 60
aagaggaaaag ttcacagccc taaatgccta catcatagtc tgaaagagca caaacagaca 120
atcccaagtc acacttcacg gaactagaga aacaagaaca agccataccc aaacccggac 180
ccagcagaag aaaagaaata acccagatca gagaagaact aaatgaaaat gatgcaaaat 240
acttacctaa gataaatgag acacaactgg ttctttgaaa agataaataa aattataaac 300
tgtttagcaag actaaccacg aaaagaagaa aaaaaggcca ataaccttgc tgagtaatga 360
acct 364

<210> 2248
<211> 311
<212> DNA
<213> Homo sapiens

<400> 2248
caagcttaac cataagtaca ataagcccca gcatttgcac ggtagtcaag ctcattcaag 60
caaaactctc tccagtaggg aatttcccct gcagagacca tgtgcatttt tatttcactt 120

gtcctcagac	tgactctttg	ttcattataa	tagtaaaaaa	cacatccctg	ggtggagatt	180
tagagcta	aatgacatgc	atgtatgaac	aagcatgtaa	agctactgca	catgtgcagc	240
caaagaacca	cccataacat	gcttaccagc	aacactcttt	cccaccccct	taagaataac	300
cacggaagge	t					311

<210> 2249
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 2249	
actccccgcc	ctaagatctc
aaggacgtgg	atatccccca
aaa	
	60
	120
	123

<210> 2250
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 2250	
tagaatcttt	ggaggtctgg
taagtggaaa	taaactgaaa
tgaaaag	
	60
	120
	127

<210> 2251
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 2251	
ggctcactgc	aacctccacc
agctgggact	aactacaggt
agacgggttt	caccatgttg
gagatcagct	tccagagcat
cttttaggcca	agatgtgggg
acgcaggccc	ctaagatggt
	60
	120
	180
	240
	300
	348

<210> 2252
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 2252	
actgaattac	aataatgaca
aagaggaaa	ttcacagccc
aatcccaagt	cacacttcaa
cccagcagaa	gaaaagaaat
taaatacaaa	agataaatga
actgttagca	agactaacca
	60
	120
	180
	240
	300
	359

<210> 2253
 <211> 154
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 2253
 cananggctt gttttggacc acagaccacg gtatcctgat atgataaaaa gggcggagga 60
 tgcatacatc ctcacttgta acgtgacatt agagtatgag aaaacagaag tgaattctgt 120
 cttttttttac cagagggcac aacattgaga aaaa 154

<210> 2254
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 2254
 ggcacgagcc ctcttcccat gaggtggtag cctggattcg acggatactt cgggtggaga 60
 agacagggca cagtgggtact ctggatccca aggtgactgg ttgtttaatc gtgtgcatag 120
 aacgagccac tcgcttggtg aagtcacaac agagtgcagg caaagagtat gtggggattg 180
 tccggctgca caatgctatt gaagggggga cccagctttc tagggcccta gaaactctga 240
 caggtgcctt attccagcga cccccactta ttgctgcggg aaagaggcag ctccgagtga 300
 ggaccatcta cgagagcaaa atgattgaat acgatcctga aagaagatta agaatctttt 360
 ggggtgagttg tgaggctggc acctacattc ggacattatg t 401

<210> 2255
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 2255
 gcagtggacg tggatttggt gatggctata atggttatgg aggaggacct ggaggtggca 60
 atttttgagg tagccccggt tatggaggag gaagaggagg atatggtgct ggaggacctg 120
 gata 124

<210> 2256
 <211> 124
 <212> DNA
 <213> Homo sapiens

<400> 2256
 ggtttttcag ctcacttcaa gggtagctga agcgaattgg caccaaagca gcagctgtat 60
 tggcgcagtt ctacttcac cttcacgatg tttcccttgg tcaaaagcgc actaaatcgt 120
 ctct 124

<210> 2257
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 2257
 ggagaatcga ggcactcgct ggcgtaccca tgtatcgaat tgagttcacg gcctgggtacc 60
 ggcggatgct ggtggtctac gggatcggca cctgggctgt gttgggctca ctgctttact 120
 atagccggac aatggcgaag tgcgcag 147

<210> 2258
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 2258
gtttctgtcgc ccaggctgaa gtgcagtggc atgatcccgg ctcaactgtag gctccgtctc 60
cccagttcac accattctcc tgcctcagcc taccgagtat gcacccgccca gcatgcctgc 120
gtggccgagt tcttctcatt cggcatcaac agcattttat atcagcgtgg catatattca 180
tctgaaacct ttactcgagt gccgaaatac ggactcacct tgcttgaact actgatcttg 240
agctcatata tacctaacta agggtcgcgc ccttcgaaat atgatttact atcttgcccta 300
gcattctgga gctctctagc acattctggt ttctactatg t 341

<210> 2259
<211> 363
<212> DNA
<213> Homo sapiens

<400> 2259
cgaaccacaa tagtgacaca tcctatcaca atcttttggga cacaccagag gcagtgcata 60
caggaaagtt catagcccta cagcctacc tcaaaagggc tgaaagagca tctacagaca 120
atctaagggtc acacctcaag cggctagaga aacaagaaca accaaatcct caccagctg 180
aagaaaggaa atagcctgga tccgagcaga actagatgaa attcagacaa acaaaactcca 240
cttgcgctcc aaaaatacgt aagacgaaga gctgggttctt tgaaaagata aataaaattg 300
atagaccatt agcaagatta accaggaaaa gaagagtga aattcttata agctcaatga 360
gaa 363

<210> 2260
<211> 348
<212> DNA
<213> Homo sapiens

<400> 2260
cggcctactg ctgcaagaag acaacagaag gctactgctg caagaagaca acagaaggct 60
gctgctgcaa gacgacaaca gaaggctact gctgcaagaa gaccacagaa ggctacggct 120
gcaagaagac aacagaaggg tactgctgctg aagaccacag aagggtactc ctgccagaag 180
acgacagaag ggggagcgcc gctcctgctg caccgtgctt gctacgagtt tcatgctcgt 240
gctaaactag cgccgtcgtc ttctttcttc agtcgtcatg atgattatct accgccacct 300
catcaccac gatgagatgt tctacgacat ctacaagatg caggagat 348

<210> 2261
<211> 393
<212> DNA
<213> Homo sapiens

<400> 2261
cgttgctgtc ggtgcatcct ctcccagtggt atgcgatcac ctgtgcctcc cctccccttt 60
tattcacatc gcgtattttg gcattttcca gataatgaca aggcacagac aggggtggggg 120
atggactgaa gcaccatgtc ttgtttactg gctcctaatt tattttcatt ctttggtgac 180
taaccacaca tgtgccctcg gaggttacat gtgtggtgac cactctacat tctggatgtt 240
ttattaaaca ttgaacgcgc ctacgaggag cgaacttaaa ataatacatc cactggctga 300
taaagggaag ctgcaatacc aaggcgaaga ttgataatgc acacgctttt cttttttgta 360
ccgtacatat ttccacacca tcttagatat aat 393

<210> 2262
<211> 408
<212> DNA
<213> Homo sapiens

<400> 2262
ggcacgaggt gtgcttaggt gcccagacta ctgaggggtct aagtcggggc agccgaagag 60

tgtggtaggt	aacggtcctc	agcgcaaggg	tcatttcgtc	gotgggaagg	gacggccctc	120
gcccgcggtg	atggtggtta	gcaagatgaa	caaagatgcg	cagatgagag	cagcgattaa	180
ccaaaagtgtg	atagaaactg	gagaaagaga	acgcctcaaa	gagttgctga	gagctaaatt	240
aattgaatgt	ggctggaagg	atcagttgaa	ggcacactgt	aaagaggtaa	ttaaagaaaa	300
aggactagaa	cacgttactg	ttgatgactt	ggtaggtgaa	atcactccaa	aaggcagagc	360
cctggtacct	gacagtgtaa	agaaggagct	cctacaaaaga	ataagaac		408

<210> 2263
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 2263						
atgacctcaa	cgggtgccgtg	atgatacaat	accacctatg	gagaaagctc	tagggaaaat	60
ggacattcag	atagctcttc	cttctggatg	gtacagaaga	gtagctccat	ggtttggatt	120
agctgcaaaa	cactttattg	atagatgaag	attactgagg	aatgtttggt	gctgtactgt	180
ttaatttttg	caaaaaaaag	tttaaagtca	gaaaaagtga	tcgtactgca	cagctcattt	240
gtgaatgaat	ttttaatcca	gaaatagaag	ttcaagcttt	ggatgatgct	gaaaggcatt	300
cagaagagtt	aggttctatt	agaaagtatt	aaaatttatg	ctaagaatag	aaaatgn	357

<210> 2264
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 2264						
atcccatcga	ttcgaattcc	gttgcgtgctg	actgggaaac	tgcacctcgt	cacatgatgc	60
gtctagatat	tcgttctttg	ctgcaagatg	ctgctattga	agaggtagag	atggaagatt	120
ttgatgcaaa	tatcgaagaa	cagaaagaag	aaaagaaaga	tgcagaggaa	gaggaaagcg	180
aactgggtta	cattccgaaa	agcaaatggg	agatggacac	atctgaggca	aagctagaca	240
agttggatgg	cttgaggact	ggtactaaaa	ggaaacgtga	ctgggaggcc	attgccagca	300
gaatggagga	ttatcttcag	ctccccgatg	attatgatac	tcgtgcttct	gagcctggga	360
agaagagggt	cagatgggca	gacctggaag	agaagaagg			399

<210> 2265
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 2265						
gcctcagcct	ccctagtagc	tgggatgaca	ggcgccctgcc	atcatgcctg	actaattttt	60
gtatttttag	tagagacggc	gtttcaccat	gttggccagg	ctgggtctcaa	actcctgacc	120
tcaggtgatc	cgcctacctc	agcctcccaa	agtgcctggga	ttacaggcgt	gatccaccac	180
acctggccct	tgcaatcttc	tactttaagg	tttgacagaga	taaaccaata	aatccacacc	240
gtacatctgc	aatatgaatt	caagaaagga	gatagtacct	tcaatactta	gaaatagtct	300
tccacaaaaa	atactttatt	tc				322

<210> 2266
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 2266
attgatagac cattagcaag attatcgaga aaagaataca gaaaatccaa ataagctcaa 60
ttagaaacaa aacaggagat actacaactg acaccactga aatataaaag atcatttcaa 120
ggctactatg aacaccttta catgcataaa ctataaaacc taaaggagat ggataaattc 180
ctggaaaaat aaccaccctc ctagcttaaa tcaggaagaa ttaaataccc ttgacagacc 240
aattaccaac cgagaggatg aaatggttac caaaaaaat taccaatgga aaaagccagg 300
accacaccga ttcacaggtg aaatttatg 329

<210> 2267
<211> 230
<212> DNA
<213> Homo sapiens

<400> 2267
gtagtaccat gcacattatt gaggaatgtt ctaaaggat atctctcggg gtatttctct 60
acttacctgt gataatgctt ttgtcttaat aggggtgggtc tcttccctaa gcgctagcca 120
aattcatgaa ttatgtgaag aattgctttc ggatgactga ccaagaggct attcaagatc 180
tctggcagtg gaggaagtct ctttaagaaa atagttttata caatttgta 230

<210> 2268
<211> 323
<212> DNA
<213> Homo sapiens

<400> 2268
gactggaaag cgaaggctct cctgaaactc ttacaaactt aaggaaagga tacctgttta 60
tgtataatct tgtgcaattc ttgggattct cctggatctt tgtcaacctg actgtgcat 120
tctgtatctt gggaaaagag tccttttatg acacattcca tactgtggct gacatgatgt 180
atttctgcc aatgctggca gttgtggaaa ctatcaatgc agcaattgga gtcactacgt 240
caccgggtgct gccttctctg atccagcttc ttggaagaaa ttttattttg tttatcatct 300
ttggcaccat ggaagaaatg cag 323

<210> 2269
<211> 317
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 2269
ggggccctgt gtctggaggc tgcataaacc ccgcccgtgc ttttggacct gcggtggtgg 60
ccaaccactg gaacttcac tggatctact ggctgggcc actcctggct ggctgcttg 120
ttggactgct cattaggtgc ttcattggag atgggaagac ccgcctcacc ctgaagcctc 180
ggtgaagcag agctcgtggg attcctgctg ctccaggtgt cctcagctca cctgtcccag 240
actcaggaca ggggagttcc tgcatttcct gccagggcag agggcccagag gagcgacccc 300
ctgcttccac tgcttgn 317

<210> 2270
<211> 316
<212> DNA
<213> Homo sapiens

<400> 2270
gcattgggtc aaaaacaaaa tgaagatgga attaaaaaaa ttatttgaac tgaatgacag 60

taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaattcc	tacatcaaaa	agtctgaaag	attgcaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaaacaaaaa	gctagt					316

<210> 2271

<211> 322

<212> DNA

<213> Homo sapiens

<400> 2271

gcattgggtc	aaaaacaaaa	tgaagatgga	attaaaaaaa	ttatttgaac	tgaatgacag	60
taaggacaat	aatgacctct	gggatacagc	aaaggcagtg	ctaacaggaa	agttcataga	120
cttaaattcc	tacatcaaaa	agtctgaaag	attgcaaata	gacaatctaa	gatcacacct	180
caaagaacta	gagaaacaaa	aacaaaccaa	acccaaaccc	agcagaagaa	aggaagtaac	240
cacgatcaag	cagaactaaa	tgaaattgaa	acaacaacaa	aaacaatata	aaagataaat	300
gaaacaaaaa	gctagttctt	tg				322

<210> 2272

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2272

ggcgtcgtag	tctcctgcag	cgtctggggg	ttccgttgca	gtcctcggaa	ccaggacctc	60
ggcgtggcct	atcgagttat	ggcgacgaag	gccgtgtgcg	tgctgaagg	cgacggccca	120
gtgcagggca	tcataaattt	cgagcagaag	gaaagtaatg	gaccagtga	ggtgtggccg	180
atgtgtctat	tgaagattct	gtgatctcac	tctcaggaga	ccattgcata	attggccgca	240
cactggtggg	ccatgaaaaa	gcagatgact	tgggcaaaag	tggaatgaa	gaaagtacaa	300
agacaggaaa	cgctggaagt	cgcttg				326

<210> 2273

<211> 130

<212> DNA

<213> Homo sapiens

<400> 2273

aacataacca	ttcttaattt	aactgtttat	attatcctaa	ctactaccgc	attcctacta	60
ctcaacttaa	actccagcac	cacgacctta	ctactatctc	gcacctgaaa	caagctaaca	120
tgactaacac						130

<210> 2274

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(406)

<223> n = A,T,C or G

<400> 2274

cgttgctgtc	gccggggcgg	aggagaggac	ctccttggtt	cctttggttc	tgtcagtgtg	60
ccccttcctt	ggccatgaag	ctcgtgagga	agaacatcga	gaaggacaat	gcgggccagg	120
tgacctgtgt	ccccgaggag	cctgaggaca	tgtggcacac	ttacaacctc	gtgcaggtgg	180
gcgacagcct	gcgcgcctcc	accatccgca	aggtacagac	agagtcctcc	acgggcagcg	240

tgggcagcaa	ccgggtccgc	actaccctca	ctctctgcgt	ggaggccatc	gacttcgact	300
ctcaagcctg	ccagctgagg	gttaagggga	ccaacatcca	agagaatgag	tatgtcaaga	360
tgggggctta	ccacaccatc	gagctggagc	ccaaccgcca	gttcan		406

<210> 2275

<211> 245

<212> DNA

<213> Homo sapiens

<400> 2275

tgattttctgt	ggatcccagc	ttgggtccag	gaattttgtg	tgattggcct	aaatccagtt	60
ttcaatcttc	gacagctggg	ctggaacgtg	aactcagtag	ctgaacctgt	ctgacccggg	120
cacgttcttg	gacccctcaga	actctttgct	cttgctgggg	gggggggtgag	ctcccatgtc	180
tacgagcaca	gggggtcttt	ggctatccgg	cctgataggt	ggatcgttta	catcctcttg	240
tgctg						245

<210> 2276

<211> 375

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(375)

<223> n = A,T,C or G

<400> 2276

tgagccaggc	atggtggtgc	atgcctataa	tcccagctac	ttgggaggct	gaggcaggag	60
aactgcttga	acccgggagg	tggagggtgc	agtgagtag	gatcgcgcta	ttgcactcca	120
gctctgggca	acagagcaag	actccatctc	ggggaaaaaa	gcaaaacaaa	acaaaacaaa	180
aatcaaaaac	ataaataaag	tgtgacaggg	tgtcctacta	tgagtagtag	taacacatca	240
gaaaaaacia	aataggctgg	gcacattggc	tcatgcctgc	aatcctagcc	ctttgggtgg	300
ctgagtgagg	gagggtccct	tgagctgagg	agttggagac	cagcctgtgc	acaaaacac	360
aacottgtct	ctacn					375

<210> 2277

<211> 394

<212> DNA

<213> Homo sapiens

<400> 2277

cgttgctgtc	ggtttcacca	tgttggccag	gctggtctcg	agctccgacg	tgctgggtgg	60
ggtggtttcc	atgctgagca	ccgcccccca	gcccatccgc	aacatcggtg	tccagtcagc	120
tgtccccaag	gttatgaagg	tgaagctgca	gccaccctcg	ggcaggagag	tgccagcttt	180
taaccccatc	gtccaccctc	cagcaatcac	ccaggtcctg	ctgcttgcca	acccccagaa	240
ggagaagggt	cgctccgct	acaagctcac	cttcaccatg	ggtgaccaga	cctacaacga	300
gatgggggat	gtggaccagt	tccccccacc	tgaacctggg	ggtagcctct	ataacagagg	360
ggctggggag	aggaaggggc	agagggaccg	gtca			394

<210> 2278

<211> 149

<212> DNA

<213> Homo sapiens

<400> 2278

gaggttcttg	gaagatggcg	aaggctcag	agctttacga	tgctacttgg	gaagaaatga	60
gagataaaat	gagaaaatgg	agagaagaaa	acttcagaaa	tagtgagcaa	attgtggaag	120

ttggtgaaga attaattaat ggagatgcg

149

<210> 2279

<211> 218

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(218)

<223> n = A,T,C or G

<400> 2279

aacactgaac	tgacaattaa	cagcccaata	tctacaatca	accaacaagt	cattattacc	60
ctcactgtca	acccaacaca	ggcatgctca	taaggaaagg	ttaaaaaaag	taaaaggaac	120
tcggcaaatc	ttaccccgcc	tgtttaccan	angagatata	aaaaaattta	aanggggggg	180
gcgttttttt	tttttttccg	acctgtgaaa	atatTTTT			218

<210> 2280

<211> 141

<212> DNA

<213> Homo sapiens

<400> 2280

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	taccctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aagggttaaaa	aaagtaaaag	gaactcggca	120
aatcttacc	cgcttggtta	c				141

<210> 2281

<211> 325

<212> DNA

<213> Homo sapiens

<400> 2281

atgttagctg	agtgatggcc	aagttttttc	tctggacagt	aatgtaaagt	tcttactgga	60
aatgacaagt	ttttgcttga	tttttttttt	ttaacaaaaa	atgaaatata	acaagacaaa	120
cttatgatag	atcaggggtg	ttgttatggt	tttttaattt	aaaaatgcaa	ccctgcccc	180
tccccagcaa	agtcacagct	ccatttcagt	aaagggttga	gtcaatatgc	tctgactgac	240
aggcaaccct	gtagtcatgg	agaaaggttt	ttaaagatct	agtccaatct	ttttctagag	300
aaaaagataa	tctgaaactc	acaaa				325

<210> 2282

<211> 359

<212> DNA

<213> Homo sapiens

<400> 2282

gtgacacaac	ctatggaaac	cctctgggata	cagcaaaatt	gatgctaaga	agaaagttca	60
tggcattaaa	tgccatcatc	aaagagtctg	aaagaacaca	aatagacgat	ttaaggtctc	120
acttcaaggg	actagagaat	caagaacaaa	caaaacccaa	accagcaga	agaaataaga	180
tcagagcaga	actaaatgaa	attaaaacaa	aacaaatata	taggacaaat	gaaacaaaaa	240
gctcgttatt	agaaaagata	aacaaaatta	atagactatt	atcaagatta	accaagaaaa	300
gaagagagaa	gatcgcaatg	ggctcaatta	gaaacaaaaa	aggagatatc	acaaccaag	359

<210> 2283

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(376)

<223> n = A,T,C or G

<400> 2283

cggttgctgtc	gctgccagg	cggtccgacg	tgctggtggt	ggtgggtttcc	atgctgagca	60
ccgcccccca	gcccatccgc	aacatcgtgt	tccagtcagc	tgcccccaag	gttatgaagg	120
tgaagctgca	gccaccctcg	ggcacggagc	tgccagcttt	taaccccatc	gtccaccctt	180
cagcaatcac	ccaggctcctg	ctgcttgcca	acccccagaa	ggagaagggt	cgctccgct	240
acaagctcac	cttcacccatg	ggtgaccaga	cctacaacga	gatgggggat	gtggaccagt	300
tccccccacc	tgaaacctgg	ggtagcctct	aaaacagagg	ggctggggag	aggaaggggc	360
anaggaacc	ggcact					376

<210> 2284

<211> 150

<212> DNA

<213> Homo sapiens

<400> 2284

gaactgacaa	ttaacagccc	aatatctaca	atcaaccaac	aagtcattat	taccctcact	60
gtcaacccaa	cacaggcatg	ctcataagga	aagggttaaaa	aaagtaaaaag	gaactcggca	120
aatcttacc	cgcttggtta	ccaaaaaaaa				150

<210> 2285

<211> 396

<212> DNA

<213> Homo sapiens

<400> 2285

cggttgctgtc	ggtccggggc	tatggctgtg	actctggaca	aagacgotta	ttatcggcga	60
gtgaagagac	tgtacagcaa	ttggcggttg	aggaagatcc	tgtaattttt	cctagggagc	120
ccccttagcc	atcccataat	aaccctgttt	ctcggcgccc	ttttttctct	ttcggtcagg	180
aattcccggg	ttctgtgcct	cacccttttc	gttgcctccc	aatcattcac	cggaggcggc	240
cacgaacgct	gccccttaac	agggaaatccc	ccgcattcac	cctgtcctgc	ggccatcacc	300
atcttccccg	cgtgccagcc	ttggtcatgc	atagcagcac	ctctcgagct	ctcttccgc	360
cctagaagag	gcaacatcct	tcctctctac	tccgtg			396

<210> 2286

<211> 353

<212> DNA

<213> Homo sapiens

<400> 2286

gagagtccct	ccttgctctg	gcccctactc	tttctggtgt	tagatcgagc	taccctctaa	60
aagcagttta	gagtggtaaa	aaaaaaaaaa	aaacccccca	accgctcgaa	cccccaaagg	120
ggagaaaatt	tttttgggac	atcctcctgc	ttttcccgat	actgaacgtt	ggctccctaa	180
agcccttcgg	gaagcttttt	tttctataaa	ggaaaaaatc	accccccggt	aaaatcgggc	240
tgattacagg	acctggcctg	ggaatgggaa	aactgcccgg	ctataaattt	gctaaactaa	300
aaagcaagcg	ggttttttgg	aataaaaaata	accatggact	ggaggaaaca	cgc	353

<210> 2287

<211> 131

<212> DNA

<213> Homo sapiens

<400> 2287
tagtagacta cacaacagcg aaggaatttg ctgattccct tggaattccg tttttggaaa 60
ccagtgctaa gaatgcaacg aatgtagaac agtctttcat gacgatggca gctgagatta 120
aaaagcgaat g 131

<210> 2288
<211> 328
<212> DNA
<213> Homo sapiens

<400> 2288
ggaatccccg gcggcagtgg ggctgttgct gttgctgtgg ctgtcgctgc ccgtcaggct 60
gccttctttt gtcgtttccc agcgctgcgc aggacttctc ctggcggcgc tgcggatcca 120
gggggtcggc tgccaggtag aggggttgag gctgggcaaa cgccgcgaaa ctatcgctct 180
tcccgcgtcc gcttccgcgc ctgtccaccc tgggtaacgg aaccagcatc gcggtaggga 240
catcctcgct agggccggcc ggaccattcc tcagggtggg ccctttccga agccgggacc 300
gctcctgctt gtcggcatcg ctcccccg 328

<210> 2289
<211> 385
<212> DNA
<213> Homo sapiens

<400> 2289
cggttgctgtc ggatgaaatt ggagctctgg ataatgcaga attggaaggt tctattcaag 60
tggaacagcaa tcgcttacag gaagctttga atgactacta taaagagaac gcagacaacc 120
gtgtacaact gaataccctt gaacccttgg aggatcacga cctgcctatg aatgatctcg 180
acgactctga gaaggactac ttgaggactg tagaccttga gcaaacatat gagacgtggg 240
taacgctgtc atggacgcgg ttaaacagca caagccataa ctgttcacca ctattaccaa 300
aaacctaggg gtcgggacgg gaattgaaat ccgcgaaggc tccctagtct tccatagcct 360
taatcaatac aggccgaaca gagga 385

<210> 2290
<211> 334
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 2290
atatcaaaac ctccaggata ccgcaaaggc agtgctaaaa ggaaagttca tagcgttaaa 60
tgcctacatc cccaagtctg aaagagcaca aatagacaat ctaagggtcac acctcaaggga 120
actagagaaa caagaacaaa ccaaaccoca acccaaacc agcagaagaa aagagataac 180
caacatgaga ccagaactaa atgaaattga aacaacaaca acaacaaaaa ccaacaaaaa 240
ataaataaaa cagaaagctg gttctttgaa aagataaata agattgatag aacattagca 300
agattaacca agaaaagaag agagaagatc cnaa 334

<210> 2291
<211> 426
<212> DNA
<213> Homo sapiens

<400> 2291

cgttggtg	gcat	actttg	gtaaca	gtactaca	caattcca	60
ttttgatt	taacacc	gcacct	cacata	gctttag	atatatt	120
cactcaag	gtaacc	cgtcca	aaaaca	ggaaaat	ttaaaaa	180
ctgggtg	ttttgaaa	cttttt	tttttt	tgaaaag	tttttt	240
ttccccg	tgggggg	aaacaaa	tgggtta	ggccctc	tttttgg	300
taaaaaa	ggcgggc	ccccccg	gaggtgg	taagggg	cctttcc	360
ccaaagt	ttttgg	tttaaaaa	agggggg	accattc	ccaggct	420
tttaaa						426

<210> 2292

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2292

cgttgctg	gttttt	aaatat	attggc	tttctt	actctt	60
tcttaact	agactt	tggtgt	ctgcct	aaatac	aaataa	120
tctttaaa	aaaaaaaa	acagct	cccatt	ggggg	ttttt	180
aggatgg	ccaatt	tcccc	ggcccc	aactta	aatacc	240
tttaacc	ccttct	atttag	catgcc	aatgg	aaaggt	300
cctttgg	aaaatg	agcagg	accatt	ctgtgg	aagtta	360
ttagggg	accggg	aggaaa				391

<210> 2293

<211> 331

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 2293

ggcgacaa	ctaccg	tggtga	tggttg	agataga	ttagtt	60
tttaaat	cccac	cctcta	cccttg	tttaact	agtc	120
ggaacag	cttgg	aggaaaa	cttgca	gagtana	aaaaaa	180
aaaaaaaa	aaaggg	tttttt	taaac	atggaaa	acctt	240
gtttggg	cccccc	aaaggg	gaaaaa	tttttt	aaaat	300
aggtttt	gttttt	ggaa	ccctta			331

<210> 2294

<211> 235

<212> DNA

<213> Homo sapiens

<400> 2294

cagtagac	tgaggc	cctcag	ggcaagg	agggag	cctggg	60
agcatcag	tcagc	cctcccc	cagcact	gccagg	ctcccc	120
cttcttaa	accgc	aagacag	aacatgg	gcaagag	aaattac	180
tctgccct	aaactg	actc	actc			235

<210> 2295

<211> 414

<212> DNA

<213> Homo sapiens

<400> 2295
 cggttgctgtc ggggaaataa gaagaatgaa agcctctctt tctgtccgca gatcctgact 60
 ttcccaaagt gccttaaaag aaatcagaca aatgccctga gtggtaactt ctgtgttatt 120
 ttactcttaa aaccaaactc taccttttct tgtttttttt tttttttttt ggggcccctc 180
 cccttccggg caagggggggg ggtccctttt taaacccagg gaaaaaccgg cccccccctt 240
 tgggtggacga agggctctaa gggccccccc gggccccagg gccacccgg gccccatttg 300
 gccgggtgg ttgccgggcc ccggaaaacc ccggggcccc ggttccttta cgggggattt 360
 aggggcgggg ggtccaggga ccattccctt tcccggggag ttataccgag aaag 414

<210> 2296
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 2296
 ttgcaaaggc taaagagttg ggtgccactg aatgcatcaa ccctcaagac tacaagaaac 60
 ccattcagga agtgctaaag gaaatgactg atggagggtg ggattttttg tttgaagtca 120
 tcggttcggg cgataccatt actgccttcc ctgctatgat gtcattattc ttatatgttt 180
 cgtacctctc tttgggtttc tcttggtttc ttaatttttc ctcttgactc tttctttggt 240
 ctatctccc acctctttta ttctctttt ccttttttgt ataatactgt ctctatcat 300
 tctttcttt atcttcaccc tctacgtcct tttctttggt ttaatccttc tgactttttc 360
 gtttctctt ccgtct 377

<210> 2297
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 2297
 ggcacgaggc agagccagcc cccgaacccg ggccacctgg gccccgggt tccgccggca 60
 ctctcgccac caccgctgg gtctgacaag atgtaccagg tcccactacc actggatcgg 120
 gatgggaccc tggtagcgt ccgcttcacc atgggtggcc tggtcacgg ctgctgtcca 180
 cttgtcgcc tctctctctg catcctctgg tccctgctct tccacttcaa ggagacaacg 240
 gccacacact gtgggcatc cagaaaaatg ctttcattgt gttcattgcc tcatccctcg 300
 ggcacatgct cctcacctgc attctctggc ggttgaccaa gaagcacaca gtaagtcagg 360
 aggtacggtc tatccctagc gggggctcca aggcagccca gaagataatt ag 412

<210> 2298
 <211> 342
 <212> DNA
 <213> Homo sapiens

<400> 2298
 tacgtctgct agaacacgac agaaggggaa ccggatgctg gacaggcacc ccggcttggc 60
 gctgtctctc cccctcggt cggagaggcc cttcggcctg agggagcctc gccgcccgtc 120
 cccggcacac gcgcagcccc ggcctctcgg cctctgccgg agaaacaggt gaagggggtg 180
 cagggtgggg ccggttgggga ggcctgggga cccggggggt ccgcagcggc agggggcctc 240
 tgggaccttg gggatggtgt gatggacgct gcagtggggc cgggagagat gaagagacgc 300
 ggagggtcgc cctgagggaa gactcttcgg gatgacagga gc 342

<210> 2299
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 2299
 cgatggtagt cgccgtgcct accatgggtga ccacgggtga cggggaatca gggttcgatt 60

ccggagaggg	agcctgagaa	acggccacca	catccaagga	aggcagcagg	cgcgcaaatt	120
acccactccc	gacccgggga	ggtagtgaca	aaaaaaaaa	aaaaaaaaa		169

<210> 2300

<211> 141

<212> DNA

<213> Homo sapiens

<400> 2300

cacccaccag	tgggaccacc	agagatgtgg	atgggatggg	ttctgtgatg	accagcaaaa	60
acacagtcag	agaaagcagg	actgaaatac	aaagcgtcac	tttttcacca	cagtccgaag	120
gaaggtaaaa	gaccaacacg	g				141

<210> 2301

<211> 318

<212> DNA

<213> Homo sapiens

<400> 2301

gaagggcgct	ccgcgagccc	gtctctcctc	gaatgaaagg	aaacaacctc	cgcgacaga	60
gccccgctct	caggcactgc	tggagaaccg	agaccgactt	ctttctcttt	accctcattg	120
gcgcttctct	cctgcagtcc	gcctctgggc	cctgccgcac	ttcttgagac	ttaaagtggc	180
attctaaagg	caatttaaaa	aatcaatggg	cagctcagtt	gaacagaaaa	aagggcctac	240
aagacagcgc	aaatggggct	tttggtagtc	aaatagagac	aaagaatgtg	gacagttact	300
aatatctgaa	aaccagaa					318

<210> 2302

<211> 151

<212> DNA

<213> Homo sapiens

<400> 2302

cgttgctgtc	gcttaaagcg	ggccttcgtg	aggatgagta	caagccctga	ggctttcctg	60
gcgctccgct	cccacttcgc	cagctctcac	gctctgatat	gcatcagcca	ctggatcctc	120
gggattggag	acagacatct	gaacaacttt	a			151

<210> 2303

<211> 298

<212> DNA

<213> Homo sapiens

<400> 2303

cctcctctct	gccttccaac	ctccagagga	cgagaccta	aggggtgcctg	attggctgcg	60
gagggcgggg	ctaagacaag	gggcggggct	gccgagacct	tgggcccgcg	tgagggaaaa	120
tttgggttcg	attaagccgc	agaggaaaag	accaggggag	tctgggcccc	tttgggcgtc	180
ggggcccgcg	aggtcagccg	tcacgaata	cagaatatgt	tttcgaggac	gctaatatgt	240
agtcatgacc	aatttcagtt	cttctacttt	ctgcgggcct	tcgcaaaaaa	aaaaaaa	298

<210> 2304

<211> 390

<212> DNA

<213> Homo sapiens

<400> 2304

cgttgctgtc	gcaggcactg	tcctccctgg	agctgctcaa	cgttctcttc	aggacctgca	60
aacatgagaa	gctgaccttg	gacctgacgg	tgctcctggg	tgtgctgcag	gggcaacagc	120
agagcctaca	gcagggggga	cactccaccg	gctccagccg	cctgcacgac	ctctactggc	180

aggccatgaa	aaccctggga	gtccagcgcc	ccaagttgga	gaagaaggat	gccaaaggaga	240
tccccagtgc	caccagagc	cccatcagta	agaagcggaa	gaaaaaggga	ttcttgccag	300
agacgaagaa	gcgcaagaaa	cgcaagtcag	aggatggcac	gccagcggag	gatggcacac	360
ctgcagccac	cggcgggagc	cagcccccca				390

<210> 2305
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 2305						
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caacgttctc	ttcaggacct	gcaaacatga	gaagctgacc	ttggacctga	cgggtgctcct	120
gggtgtgctg	caggggcaac	agcagagcct	acagcagggg	gcacactcca	cgggtcctcag	180
ccgcctgcac	gacctctact	ggcaggccat	gaaaaccctg	ggagtccagc	gccccaaagt	240
ggagaagaag	gatgccaagg	agatccccag	tgccaccag	agccccatca	gtaagaagcg	300
gaagaaaaag	ggattcttgc	cagagacgaa	gaatcgcaag	aaacgcangt	cataggatgg	360
cacgccaacg	taggaatgca	cacctgcaac	c			391

<210> 2306
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 2306						
cgttgctgtc	ggtggatgtc	ttgcagtgat	gattctgcaa	aacctctttt	ctaaccctga	60
gaaattcttc	agtattcgta	cgaggtggct	cgactgtctc	acctcaccga	gaggcagggtc	120
aagatctggt	tccagaaccg	caggatgaaa	atgaagaaaa	tcaacaaaga	ccgagcaaaa	180
gacgagtgtg	gccatttggg	cttattttaga	aaaaagggtg	agctagagag	aaaaagaaag	240
aactgtccgt	cccccttccg	ccttctccct	tttctcacc	ccaccctagc	ctccaccatc	300
cccgcacaaa	gcggctctaa	acctcaggcc	acatcttttc	caaggcaaac	cctgttcagg	360
ctggctcgta	ggcctgccc	tttgatggg				389

<210> 2307
 <211> 159
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 2307						
gagtcggact	gcgacacagc	ccatccccctc	gaccgctcgc	gtcgcatttg	gcctcctccc	60
taccgtctcc	agcccagccc	tcattccatgg	catgccccct	ggatcangcc	attgggtctc	120
ttgtggccat	ctttcacaag	tactccggca	gggagggtg			159

<210> 2308
 <211> 147
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 2308
 ggttttttcag ctcacttcaa gggtaacctga agcgaattgg caccaaagca gcagctgtat 60
 tgccgcagtt ctactttcac cttcacgatg tttcccttgg tcaaaagcgc actaaatcgt 120
 ctccaagtcc gaagcattca gcaaacn 147

<210> 2309
 <211> 148
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 2309
 tgattatcta ccggggacctc atcagccacg atgagatgtt ctccgacatc tacaagatcc 60
 gggagatcgc ggacgggttg tgcttgagg tgtaggggaa gatggtcagt aggacagaag 120
 gtaacattga tgactcgctc attggtgn 148

<210> 2310
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 2310
 caccgccattc tctgtgtctca gcctcctgag tagctgggac tacaggcgcc cgccaccatg 60
 cccagctaatt ttttttgtat ttttagtaga gacgggtttt caccgtgtta gccaggatgg 120
 tctcgatctc ctgacctcgt gatctgcccg ccttggcctc ccaaagtgcg gggattacag 180
 gcatgagcca ccgcgcctgg cccattttct tctctttttg aggtaatgga tttgtttgga 240
 gatggcatgt tagtagacga ctgaatatgg aaaggatatc gagttatcta ttttggtaat 300
 tntatttttg gtttttatca tctagatttt tatcatggat tagtctgaaa tttaaagtcc 360
 tggccagtcg gttttctttt atcttggaag g 391

<210> 2311
 <211> 166
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 2311
 aaaagggtctn natnaattgc aaagatgtct gacacagtct ggcattgctg gaggatacaa 60

accttttaac	ctggagactt	gccggettatt	ggtttcaatg	ctggatagag	atatgtctgg	120
cacaagggtt	tcaatgaatt	taaagaactc	tgggctgtac	tgaatg		166

<210> 2312
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 2312						
atgacccacc	aatcacatgc	ctatcatata	gtaaaaccca	gcccatgacc	cctaacaggg	60
gccctctcag	ccctcctaatt	gacctccggc	ctagccatgt	gatttcactt	ccactccata	120
acgtcctca	tactatgcct	actaaccaa				149

<210> 2313
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 2313						
gcttcggctg	caagaagacg	acggaagggg	ggtgttttgc	gggtagcgcg	gcgtgataag	60
ccatgagcac	caaaggctct	ggcgacaccc	tgtacgaggc	ggtgcgggaa	gtgctgcacg	120
ggaaccaacg	caagcgccgc	aagatcctgg	agacggtgta	gttgcctgagc	agcttgaata	180
actatgatcc	cctgaaggac	aagggtttt	gggacacgcg	gaggcttaag	tccactcggc	240
gccgtaggtt	ctttgagttt	gggctggggg	accagcagct	ctgggtggag	gctaag	296

<210> 2314
 <211> 166
 <212> DNA
 <213> Homo sapiens

<400> 2314						
ggccgacgtg	ttcttgccgt	ggcggagcgg	cggattatcc	ttcgcggggc	aaaatggagc	60
tcgaggccat	gagcagatat	accagcccag	tgaaccagc	tgtcttcccc	catctgaccg	120
tggtgctttt	ggccattggc	atgttcttca	ccgactgggt	cttcgg		166

<210> 2315
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 2315						
ctacgcttgc	tgtttgccgt	ctctgaaagg	gacaccaagg	ctgtgattta	caccaactgt	60
cgagcactgc	ttctccatgg	agaaactaga	aaaactgctt	ttggaattat	ctctacagtg	120
aagaaacctc	ggccatcaca	aggagatgaa	cattgtcttc	cagcttccat	gaaagact	178

<210> 2316
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 2316						
gacttgggct	gaggagccgc	cgcgtccctt	cgccgagtc	cctcgccaga	ttccctccgt	60
cgccgccaag	atgatgtgcg	gggcgccctc	cgccacgcag	cgggccaccg	ccgagaccca	120
gcacatcgtc	gaccaggtga	ggtcccagct	t			151

<210> 2317
 <211> 402

<212> DNA

<213> Homo sapiens

<400> 2317

ggcacgaggc	gggttccttt	tttagaagct	ttgtgggttg	atTTTTTTTT	cttttctttt	60
ttggacattt	ttaattgcag	tttaaaagt	aatcgtaaga	gaacctcagc	attgtgcacg	120
ataagagaat	gtgtcagtat	ttcagggttc	tacattttat	ctgtaaaatg	tgactttttt	180
ttttttttat	cacaccaaaa	gaaaaagggtg	gtttggcccc	gggggttttt	tataaaaaat	240
taaccccccc	cttttttcac	aaaaaaaaaac	agcggggagt	tttggcccca	ttataaaaaa	300
agggttccca	cccaaatttt	tgtggggcct	agggggccct	cagaaatggc	ataaaaaactt	360
ggaccggcta	aaataacccc	ccaccctttt	tgaagtgggg	gg		402

<210> 2318

<211> 187

<212> DNA

<213> Homo sapiens

<400> 2318

gaccacgctt	ttcatctgtc	ccgctgcgtg	ttttcctctt	gatcgggaac	tcctgcttct	60
ccttgctctg	aaatggaccc	caactgctcc	tgctcgctcg	ttggctactg	tgctgtggc	120
ggctcctgcc	catgctaaga	gtgcaaatgc	tcctcctgca	agaagaactg	ccgctcctgc	180
tggcctg						187

<210> 2319

<211> 155

<212> DNA

<213> Homo sapiens

<400> 2319

gaaagcagca	gctgtattgc	cgcagttcta	gcttcacctt	cacgatgttt	cccttggcca	60
aaagcgcaact	aaatcgctct	caagttcgaa	gcattcagca	aacaatggca	aggcagagcc	120
accagaaacg	tacacctgat	ttttatgaca	aataa			155

<210> 2320

<211> 314

<212> DNA

<213> Homo sapiens

<400> 2320

cattggtatt	tcattgtatg	acaatgatgt	tcactttttac	cacttttcatt	taacacagta	60
ctggaagtgc	tagccagagc	aataagaaaa	gagatagaaa	taaagtccat	ccaaattgga	120
aatgcagagg	tcaaattgtc	cttgtcatag	acaattgatc	ttatattatg	aaaaacctaa	180
ataattcatc	aaaaaaactgt	tagaattgat	aaacaaattc	agtaagttta	caggctataa	240
aatcaatatg	gaaaaatttg	aagcatttct	acatgccaac	agtggacaat	gtgaaaaaga	300
aatcaagaaa	gcaa					314

<210> 2321

<211> 352

<212> DNA

<213> Homo sapiens

<400> 2321

ggtgaaaaaa	ggaatcattg	acccaacaaa	ggctgtgaga	actgctttat	tggatgctgc	60
tgggtgtggc	tctctgttaa	ctacagcaga	agttgtagtt	acagaaattc	ctaaagaaga	120
aaaagaccct	ggaatgggtg	caatgggtgg	aatgggaggc	gttctttttac	tttctgtacg	180
aagctatttc	tattaaaaaa	ccaaaaatct	aatctctttac	attatTTTTT	gcctttatac	240
aaatatatTT	cctactttcta	tctcacagtc	attctatata	gcgtctcata	ctcctaattt	300

tactatatcc actttatcaa ctttatcctc tatacgacct tgtataaata tc 352

<210> 2322

<211> 289

<212> DNA

<213> Homo sapiens

<400> 2322

gcagagctaa	ggaagaagag	cgcctaaata	aactccgact	ggaaagcgaa	ggctctcctg	60
aaactcttac	aaacttaagg	aaaggatacc	tgtttatgta	taatcttggt	caattcttgg	120
gattctcctg	gatctttgtc	aacctgactg	tgcgattctg	tatcttggga	aaagagtcct	180
tttatgacac	attccatact	gtggctgaca	tgatgtattt	ctgccagatg	ctggcagttg	240
tggaaactat	caatgcagca	attggagtca	ctacgtcacc	ggtgctgcc		289

<210> 2323

<211> 171

<212> DNA

<213> Homo sapiens

<400> 2323

gcaagcgcca	ccctagcaat	atcaaccatt	aacctttcct	ctacacttat	catcttcaca	60
attctaattc	tactgactat	cctagaaacc	gctgtcgcct	taatccaagc	ctacgttttc	120
acacttctag	taagcctcta	cctgcacgac	aacacataaa	aaaaaaaaatt	c	171

<210> 2324

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2324

cggttgctgtc	ggacctgccc	cggggccagg	tggagaaagt	gagggccgta	caaggaagtg	60
aaattctgag	ttggtggggc	taagcctgac	ccctctcca	tgctccccgc	cccaaccac	120
tctggcctca	gtagattttt	ttttcagttg	tggttggttc	ccaggctgga	gtgcagtggc	180
gccatcttgg	ctcactgcac	ctccaccttc	cgggctcaag	cgattctcca	gcctcagcct	240
cctgagttag	taggactgca	ggtgctccac	cacgcccggc	taatttttgt	atttttagta	300
gagatggggg	ttccccatgt	tggccaggct	ggtctcgaac	tcctggcctc	aggtgtgata	360
cggccgcctc	cgcctcccc	gcgctgagat	acagggggga	gccac		405

<210> 2325

<211> 158

<212> DNA

<213> Homo sapiens

<400> 2325

gacttcaagg	gtacctgaag	cgaattggca	ccaaagcagc	agctgtattg	ccgcagttct	60
agcttcacct	tcacgatgtt	tcccttggtc	aaaagcgcac	taaatcgtct	ccaagtccga	120
agcattcagc	aaacagtggc	taggcagagc	caccagaa			158

<210> 2326

<211> 375

<212> DNA

<213> Homo sapiens

<400> 2326

cggttgctgtc	tttctatgag	agaccgggct	ttaccatatt	acccacgagg	ctgttgaggt	60
cctgagcttg	agatacacc	gcctccctct	tccaaagctc	tgagattaca	gacttgagcc	120
accttgctctg	gacggaaatc	tcagaattct	ttaagactga	cctaattgct	gcatcccaag	180

tttacatgca	cttttcctttt	tattgtggtc	gccacttgcc	ctttgtgtcc	cacttcatgc	240
ctgtcatgtt	ctacctgact	tgcgacatgg	actgacggat	tatactgccc	ccagagaagg	300
agcttgccat	gcccggggag	gacctgaaaa	tcaaactaat	cttgcggcag	acaatgatct	360
tagagaaagg	ccagc					375

<210> 2327
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 2327						
cctcgaatcg	ccctttttgca	tgatcccatc	gatcccaact	ccgcagatgt	cgggggtgaa	60
gggagaagct	gccgggtcgca	ctcacaatga	cgacgctcct	gctattgctg	ctggagctcc	120
gggagctggg	agaggcccaa	ggatcccttc	acagatggaa	tacttcggca	ctatctccat	180
tggctgcca	ccacagaact	tcactggcat	cttcgacact	ggctcctcca	acctctgggt	240
cccctctgtg	tactgcacta	gcccagcctg	cagtgggaagg	actaaccgtg	gttggccagc	300
agtttgagga	aagtgtcaca	gagccaggcc	agacctttgt	ggatgcagag	tttgatggaa	360
ttctgggcct	gggatacccc	tccttggtcg	tgggaggagt	gactccagca	tttgacaaca	420
tgatggc						427

<210> 2328
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 2328						
gggcgttggg	ggcagagatc	atcctgacga	cgctgctggc	cctggctgta	tgcatgggtg	60
ccatcaatga	gaagacaaag	ggccctctgg	ccccgttctc	catcggtctt	gccgtcaccg	120
tggatatcct	ggctgggggc	cctgtgtctg	gaggctgcac	gaattccgcc	cgtgcttttg	180
gacctgcggt	ggtggccaac	cactggaaact	tccactggat	ctactggctg	ggcccaactc	240
tgactggcct	gcttggtgca	ctgctcatta	tgtgcttcaa	tgcacaccgg	aagattcggc	300
ctcatccctg	aagg					314

<210> 2329
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 2329						
agacaaaggg	ccctctggcc	ccgttctcca	tgggctttgc	cgtcaccgtg	gatatcctgg	60
ctgggggccc	tgtgtctgga	ggctgcatga	atcccgccc	tgcttttgga	cctgcggtgg	120
tggccaacca	ctggaacttc	cactggatct	actggetggg	cccactcctg	gctggcctgc	180
ttgttgga	gctcattagg	tgcttcattg	gagatgggaa	gaccgcctc	atcctgaagc	240
ctcggtgaag	cagagctcgt	gggattcctg	ctgctccagg	tgtcctcagc	tcacctgtcc	300
cagactcaag	acaggggagt	g				321

<210> 2330
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 2330						
gacacgttgg	ctgcgttttc	ggcgggcttc	ccgggtacaa	aaatggctgt	ggctagcgat	60
ttctacctgc	gctactacgt	agggcacaag	ggcaagtttg	ggcacgagtt	tctggagttc	120
gaatttcggc	cggacggaaa	gcttagatat	gccaacaaca	gcaattacaa	aaatgatgtg	180
atgatcagaa	aagaggctta	tgtgcacaag	agtgtaatgg	aagaactgaa	gagaattatt	240
gatgacagtg	aaattacaaa	agaagatgat				270

<210> 2331

<211> 331

<212> DNA

<213> Homo sapiens

<400> 2331

tgggggcgac	taacctaccg	agcctgggtga	tagctgcttg	gacgagatag	aatcttaggt	60
caactttata	ttcggccaca	gaacctctta	catccccttg	tgaatttatc	tgtagtcca	120
aagaggaaca	gctgttttga	cactatgaaa	aaaccttgcg	gagagagtaa	aaaatttaac	180
acccatagtt	aacctaccga	gcctgggtgat	agctggctgg	ccaagataga	atcttagttc	240
aacttttaaat	ttgcccacag	aacctcttaa	atccccttgt	aaattgaact	gttagtccaa	300
agaggaacag	ctcttttgga	actaagaaaa	g			331

<210> 2332

<211> 321

<212> DNA

<213> Homo sapiens

<400> 2332

aattaggaga	tgctgatctc	tcacattatg	aattttctaaa	tcctagaaaag	aaaggcttgg	60
agagcttctg	aatatagaga	agtttcattt	aaggactagg	tcccccttgt	tgatgtatca	120
aaatattaca	gactctaaac	tgagacttaa	ttctcaaattg	tgttttactt	gatctaaaat	180
aatctgtcca	caaaaataaa	attctaagta	ataaattgtt	attttccac	cgggggaatc	240
actaaccat	ttatgctga	gggtgcaatt	ttttgaactt	gaaaatcaga	ccttggcgat	300
gactttgaac	aaaatattaa	t				321

<210> 2333

<211> 167

<212> DNA

<213> Homo sapiens

<400> 2333

taaaacactg	aactgaccat	taacagccca	atatctacaa	tcaaccgaca	agtcattatt	60
accctcactg	tctacccaac	acaggcatgc	tcataaggaa	aggtttgaaa	aagtacaagg	120
aactcggcaa	atcttaccac	gcctgtttac	caaaaacatc	acctctt		167

<210> 2334

<211> 402

<212> DNA

<213> Homo sapiens

<400> 2334

agatgcctgc	tatcctgact	aatttaagtc	attagctgac	tgcatagctc	tttttcttga	60
gaggctctcc	attttgattc	agaaagttag	catatttatt	accaatgaat	ttgaaaccag	120
ggcttttttt	tttttggggg	aaggaaaacc	cacctccttc	cccccaaaaa	attaaaaaag	180
gccccttggt	ttctttatta	aggaaccccc	ttctaattaa	tggggccaaac	cccaaggaac	240
aaaaatttcc	caatattctg	cgcccccgaa	aaagaggtgc	ctttttaaga	aaacacgttt	300
tttaccttta	acaaaaaacc	caggggggaaa	aataaaacct	tcgggggggga	aatccggggg	360
gtgaaaaaaa	ggggccttcc	attccccccc	cgtttttttt	tt		402

<210> 2335

<211> 367

<212> DNA

<213> Homo sapiens

<400> 2335

agttgtgata	cgaatagaac	aaaaaaaaaa	aaacccttaa	acttttgtgg	ggaccccaag	60
gagttgggaa	cttggggaaa	aataaccccg	gccccagcgg	ttcccaccca	cattccattt	120
ttttcttttg	aacggattta	gtaaggccca	aagggggaac	cccttctttg	gaaaaaagtc	180
ccaattgggg	tctaaaacgg	gggaaaaaaa	acaacccggc	cgccacttgg	ttaaacctaa	240
aagcttttaa	aaacccaata	tattcggccca	aaaatatccc	tggtatggta	cccctcacc	300
cataggggtt	tttggttttt	aaacaaaata	atatttgtcg	gggggggaaa	aacccttggc	360
tttcaaa						367

<210> 2336
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 2336						
ggctgcctct	aggttctggg	aagatggcga	aggtctcaga	gctttacgat	gtcacttggg	60
aagaaatgag	ggataaaatg	agaaaatgga	gagaagaaaa	ctcaagaaat	agtgagcaaa	120
ttgtggaagt	tggagaagaa	ttaattaatg	aatatgcttt	taagctgggg	agatgatatt	180
tggtatat						188

<210> 2337
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 2337						
cgttgctgtc	ggaaaaggcc	aagatagcat	agaacctgtt	cccgggtcaaa	aggggaaaaa	60
aaaagcagtg	gagcagcgtg	acttcattgg	agtggacagc	acaggaaaaga	ggctgctctt	120
catggctaata	gaagcagact	tggatgaaga	gctgggtcatt	aagggatcca	tcctacagaa	180
gtcaataact	tctatccgga	gtgaactgat	tccatattta	gtgagaaaac	agttttcctc	240
agcttctctca	caacaggggac	aagaagaaaa	agaggaggat	ctaaagaaaa	aggagctgaa	300
gtccttagat	atctacagtt	ttataaaaga	agccaataca	ctgaacctgg	ctccctatga	360
tgctgctgg	aatgcctgtc	gaggagacag	gtg			393

<210> 2338
 <211> 172
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 2338						
atnaacaaac	ttaagtatgc	cctgacagga	gatgaaacta	agaagatttg	cgtgcagcgg	60
ttcattaaaa	tcgatggcaa	ggtacgaact	gatataacct	accctgctgg	attcatggat	120
gtcatcagca	ttgacaagac	gagagagaat	ttccgtctga	tctatgacac	cg	172

<210> 2339
 <211> 396
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 2339
 cggttgctgtc ggtgacctgc agagcctgtt ggggtacacc cctgaggagc tgcacgccat 60
 gctggacgtc aagccagatg cgcacgagtg atggcactga aggggctggg gaaaccctgc 120
 tgagaccttc caaggacagc cgtgttggtt ggactctgaa ttttgaattg ttattctatt 180
 ttttattttc cagaactcat tttttacctt caggggtggg agctaagtca gttgcagctg 240
 taatcaattg tgcgcagttg ggaaaggaaa gccaggactt gtgggggtggg tgggaccaga 300
 aattcttgag caaatTTTca ggagagggag aagggccttc tcagaagctt gaaggctctg 360
 gcttaacaga gaaagagact aatgtgtcca atcatn 396

<210> 2340
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 2340
 cggttgctgtc gccaaaatcg caccactgta ctccagcctg ggtggcagag tgagactccg 60
 tctcaaaaaa aaaaaagggc cttaacctat cccttaggac aaagggactt aaaaaatttt 120
 tacaaaactt tttatccggg gagggcaaaa tatacttttt attcttcacc ccagggaaca 180
 ttctccaaaa taaccatat gatgggcccc aaaacaagtc tcaataattt taaaaaaatg 240
 gaaattatat caggtcctct tttaaaccac aggggaataa aatgggaaat cacctccaaa 300
 gggacccttc aaagccttgc aaagacatgg aaattaaata ccttgctccg ggattatggt 360
 ggggtcaata acaaaatcga gaggg 385

<210> 2341
 <211> 352
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (352)
 <223> n = A,T,C or G

<400> 2341
 acataagttg caatactgac ataccctgag aatttgatca ccttcctcta agccttcctt 60
 ggctgcaggg ctatcttcta gaacgccagc tacaaatatt ccaacatcat ttccaccagc 120
 cagccgcaaa cccacactat ctcttttctt gaattttacc aatttcattg tgggcctgtt 180
 aaaacagata tttcatttga aacagttaag aagagcttaa aacgttgtag caatcactac 240
 agtgaaaact atattcagaa ttaaataaag aaccatcatt tctaaaactt ctctcatacc 300
 actatttttac taaataaaat ttagtggttag aattcaaata agacttaata an 352

<210> 2342
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 2342
 aattaggaga tgctgatctc tcacattatg aattttctaaa tcctagaaaag aaaggcttgg 60
 agagcttctg aatatagaga agtttcattt aaggactagg tcccccttgt tgatgtatca 120
 aaatattaca gactctaaac tgagacttaa ttctcaaata tgttttactt gatctaaaat 180
 aatctgtcca caaaaaataaa attctaagta ataaattgtt attttccac cgtgggaatc 240
 actaaccat ttatgcctga ggttgcaatt ttttgaactg caaaatcaga ccttggcgat 300
 gactttgaac aagatataaa taacttcac atgcttagcg ttccaataat ggaacactgg 360
 gcatataatg tgaaatgtat tctatgaa 388

<210> 2343

<211> 183
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 2343
 acgttcncc gctatatgcg gcggtctggc aggaatggga ggcattccata acgagaagga 60
 gaccatgcaa agcctgaacg accgcctggc ctcttacctg gacagagtga ggagcctgga 120
 atacgaaaac cggaggctgg agagcaaaat ccgggagcac ttggagaata agggacccca 180
 ggt 183

<210> 2344
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 2344
 cgttgctgtc gggcatgtgc ctgtggctct agctactcat gaggctgagg taggaggatc 60
 acttgagcct gggagggtcga ggctgcagtg agccatgaac atgctactgc attccagcct 120
 gggcaacaga gtgagaccct ggctcaaaaa acaaaaacaa aaactagttt gtttttagtat 180
 tcattaatta cgtatatgag cactggtagt ctagtgtttg ttcttgtata cagagttttc 240
 ttaaattgaga tgatgctatt taattctgtt acttggtttt tcaactaatg gatcttttaa 300
 agttttttat ttaaattttt tgtgggtaca tattaggtac atatacttat ggggtacatg 360
 agatgttttt ataaaggctc agctaattga tcttgaatat catgt 405

<210> 2345
 <211> 329
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 2345
 ggagctcaga gctaaggaag aagagcgcct aaataaactc cgactggaaa gcgaaggctc 60
 tcctgaaact cttacaaact taaggaaagg atacctgttt atgtataatc ttgtgcaatt 120
 cttgggattc tcctggatct ttgtcaacct gactgtgcga ttctgtatct tgggaaaaga 180
 gtccttttat gacacattcc atactgtggc tgacatgatg tatttctgcc agatgctggc 240
 agttgtggaa actatcaatg cagcaattgg agtcactacg tcaccggtgc tgcecttctct 300
 gatccagctt cttggaagaa attntatct 329

<210> 2346
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 2346
 ggcacgaggc cggccaatgc cggaccgctt tggcaccgtc cgcccgatct ctccacccgt 60
 gggccggcaa tggcgggctc agtttctgctc ttgggtgtgg tggggctgct gcttgtgtct 120
 gcgctgtccg gggctcctagg agaccgagcc tatcccagacc tccggacaca cccagggaac 180
 gcagcccacc ccggctctgg agccacggaa ccccggcggc gaccaccgct caaggatcaa 240

cgcgagcgga	ccccggccgg	gtcgctgcct	ctggggggcg	tgtacaccgc	ggccgtcgcg	300
gcttttgtgc	tgtacaagtg	tttgcagggg	aaagatgaaa	ctgcggttct	ccacgaggag	360
gcaagcaagc	agcagccact	gcagtcagag	caac			394

<210> 2347
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 2347						
attatgacag	aggttactct	agcctgctta	aaagagattt	tggggcaaaa	actcagaatg	60
gtgtttacag	tgctgcgaat	tacaccaatg	ggagctttgg	aagtaatttt	gtgtctgctg	120
gtatacagac	cagttttaag	actggtaatt	caacagggac	tt		162

<210> 2348
 <211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 2348						
cgttgctgtc	gattcanaat	tgggatgggg	gttgggggtga	agcacactta	ttatcttcag	60
ttgcagtgat	ttcaaattta	agattttttg	ttgttggttt	gaactgtccc	cttagtttct	120
tgttatttcc	aatttgttct	gcttagtcac	tacttttaac	tcttttctta	ctaaaatttt	180
atggaggttg	ggggaagggg	gttagcatca	ctaacctgac	agttgttgcc	aggaatttgc	240
tctgtttact	gctagtatat	tagaaatcct	agatctcaga	atcacaatag	taataaacia	300
caggggtcat	tttttctaa	cttactctgt	gttcaagtgt	ggaatttctg	tctcccan	358

<210> 2349
 <211> 420
 <212> DNA
 <213> Homo sapiens

<400> 2349						
tctactgtgg	cactatttta	gcaagttaaa	atttagtta	accctctcat	tattaaagag	60
gaaaggcgat	gggtgatgtc	gtagtacaat	ataaaccata	attgtgattt	accttaagta	120
ggtataactc	ttatgggata	tacagtatag	tttttgtgaa	tctttacatg	acagcattat	180
ctttttataa	ttttttttcc	taagataaac	aaatgcatag	ttttcttcta	tgggtgatag	240
aaacagcttt	ttgaagtaat	gaaaacctca	aaagatcatg	ttgattctta	atttttgcct	300
tttgcataag	cctctttata	acatgtatct	ttaaaaccaa	ttaagtcttt	aggaatgtgt	360
aaccagaact	atgttagtat	tgcttataaa	acttttaggt	gggtcaatat	atacctatag	420

<210> 2350
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 2350						
cgttgctgtc	gaataagatg	tattctttat	aattgaattg	gtttttccca	cgtctaactg	60
gaaacaaaac	agaaggggcg	tcataaattt	gaataagcag	aacataactg	tctcaacata	120
ctgtaaatcaa	aaggaggaat	ttcagtgggt	ctctgtgtgt	atgagagaga	gagtgtgtgt	180
ttgtgtgttt	caaggtcaca	acaggctttt	ttgtttttgt	tttttgctct	ttgtctcctt	240
tcgagaagga	ggcctgctct	tgccgcccag	gctggattcc	acacgcgcc	tctccatcca	300

ctgtatcctc	tgccctccag	ggtcagccag	gactactgcc	tctctctccg	gacgaactgg	360
gaccccccca	ccc					373

<210> 2351
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 2351						
ggcggctggc	ctgcatcggg	gacgagatgg	acgtgagcct	cagggccccc	cgccctggccc	60
agctctccga	ggtggccatg	cacagcctgg	gtctggcttt	catctacgac	cagactgaag	120
acatcagggg	tgttcttana	agtttcttgg	tcggttgac	caccttaag	gataacattt	180
ttattttttg	gagacaccca	aaccccggtt	cctgtttctc	cttctcacac	gatctttctt	240
ctctttggtt	gttgccggtt	gcgttggttt	cctcacgtct	tcccttgcc	tgtc	294

<210> 2352
 <211> 322
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 2352						
aaatatagaa	acaaaagatt	attgccagcc	accacaaata	cacacttaac	tatgtagacc	60
attgaaacta	taaagcaact	acacaatcaa	gtctacatga	caaccgctta	acaacacaat	120
gacacgatca	atttttcaca	tatctacatt	aaccttgga	acaaaagggc	taaacagctc	180
acttaaaaag	tacagagtgg	caagttagat	acagaagcaa	gacctgactg	catgctgtct	240
tcaagagatc	catctcacat	gcagtaacat	ctatgggctc	aaagtaaagg	gattgagaaa	300
catgtttgaa	gtaaatggaa	an				322

<210> 2353
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 2353						
aggttcccct	tgggtacag	gaaggcagga	gggtgagtc	ccctactccc	tcttcaactgt	60
ggccacagcc	cccttgccct	ccgctggga	tctgagtaca	tattgcggtg	atggagatgc	120
agtcacttat	tgtccaggtg	aggcccaaga	gccctgtggc	cgcc		164

<210> 2354
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 2354						
gacgttggct	gcgttttcgg	cgggcttccc	gggtacaaaa	atggctgtgg	ctagcgattt	60
ctacctgcgc	tactacgtag	ggcacaaggg	caagtttggg	cacgagtttc	tggagttcga	120
atttcggccg	gacggaaagc	ttagatatgc	caacaacagc	aattacaaaa	atgatgtgat	180

gatcagaaaa	gaggcttatg	tgcacaagag	tgtaatggaa	gaactgaaga	gaattattga	240
tgacagtgaa	attacaaaag	aagatgatgc	tttgtggcct	cccc		284

<210> 2355

<211> 388

<212> DNA

<213> Homo sapiens

<400> 2355

ggcacgagat	gagcccagcc	ttcagggctct	ttgatgtgga	gccccgcgcc	aaaggcgtcc	60
ttctggagcc	ctttgtccac	caggctcggg	ggcactcatg	cgtgctccgc	ttcaatgaga	120
caaccctgtg	caagccccctg	gtcccaagg	aacatcagtt	ctacgagacc	ctccctgctg	180
agatgcgcaa	attcaactccc	cagtacaaa	gacaaagcca	aaggccccctt	gttagctggc	240
catccctgcc	ccatttttttc	ccctggctct	ttccctgtg	gccacaggga	agtgtggcct	300
gaatacccca	ccccggctcc	tctgcacca	aagctggggg	ccacctcaga	agtgtcatct	360
ctctttgagc	acgcattccc	ctggagag				388

<210> 2356

<211> 336

<212> DNA

<213> Homo sapiens

<400> 2356

ggaaaaccag	ctctgagggtt	gagccattga	taaatgctta	taaacatctt	ggccaagagg	60
acacatcagc	ccaaggagga	ctagaggcac	aaatatgcca	gctacctttg	gacatttggc	120
agggggatac	aatggccact	attatggata	tctttggagt	gaagtatttt	ccatggatat	180
gtttttacagc	tgttttataa	cagaagggat	catgaacacg	gaggttggaa	cgaatttccg	240
aaggctcacc	ctgatacctg	cgggatctct	ggacgggggtg	gacatgctac	acaatttctt	300
ggacgtgagt	gaagcctcag	agcgtttcta	cagact			336

<210> 2357

<211> 325

<212> DNA

<213> Homo sapiens

<400> 2357

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ggtacaaaaa	tggtctgtggc	tagcgatttc	tacctgcgct	actacgtagg	gcacaagggc	120
aagtttgggc	acgagtttct	ggagttcgaa	tttcggcccg	acggaaagct	tagatatgcc	180
aacaacagca	attacaaaaa	tgatgtgatg	atcagaaaag	aggcttatgt	gcacaagagt	240
gtaatggaag	aactgaagag	aattattgat	gaccgtgaaa	ttaccaaaaga	agatgatgct	300
tttgtgcctt	cccctgataa	gggtg				325

<210> 2358

<211> 405

<212> DNA

<213> Homo sapiens

<400> 2358

tgagcccagc	cttcagggcc	atggatgtgg	agccccgcgc	caaaggcgtc	cttctggagc	60
cctttgtcca	ccaggctcggg	gggcactcat	gcgtgctccg	cttcaatgag	acaacctgt	120
gcaagcccc	ggtcccaagg	gaacatcagt	tctacgagac	cctccctgct	gagatgcgca	180
aattcaactcc	ccagtacaaa	ggacaaaagcc	aaaggcccc	tgtagctgg	ccatccctgc	240
cccatttttt	cccctggctc	tttccctgt	ggccacagg	aagtgtggcc	tgaatacccc	300
accccggtc	ctctgcaccc	agagctgggg	gccacctcag	aagtgtcatc	tctctctgag	360
cacgcattcc	cctgcagcag	tcgaggactg	agcagattga	gtgat		405

<210> 2359
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 2359
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 atccccacag gtgatgggca gaatctgttt acgaaagacg tgacagtgat cgagggagag 180
 gttgcgacca tcagtggcca agtcaataag agtgacgact ctgtgattca gctactgaat 240
 cccaacaggc agaccattta tttcagggac ttcaggcctt tgaaggacag caggtttcag 300
 ttgctgaatt tttctagcag tgaactcaaa gtatcattga caaacgtctc aatttctgat 360
 gaaggaagat acttttgcca gctctat 387

<210> 2360
 <211> 413
 <212> DNA
 <213> Homo sapiens

<400> 2360
 gactgctgca gccggcgctg ggcccaggca ccaccgcggt gctgctgctg cagatctcca 60
 cgcgggccgga ggatctcggg gagacagtct gctccctcaa gtgcgcccgc cgagtgggtc 120
 aagtggagct gggggccagcc cggcgccgca ggggtccgcg ctctccggg acgccttctt 180
 cctcagcac cgacactccg ctccaccggga cccctgcac cctacgcgcg tcccctggca 240
 gtccctccatg cccagtcctc gacaacggct cgggctcggc tctcgccccc gcagagggcc 300
 tgcccctcta gtccctgggtc ggggcccctgc ccatgggggtc tcaggccagg tctctgctgg 360
 cagaggcggt agtaaagtcc ctgtaccccg tctcccaggg cacaagctcc cta 413

<210> 2361
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 2361
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 gatcatcctg acgacactgc tggccctggc tgtatgcatg ggtgccatca atgagaagac 180
 aaagggccct ctggccccgt tctccatcgg ctttgcgcgc accgcggata tctgggtgg 240
 gggccctgtg tctggaggct gcatgaatcc cggccgtgct tttggacctg cgggggtggc 300
 caaccaactgg aactttcg 318

<210> 2362
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 2362
 cagccatgtc tggtcgaact gctgggctct gctctcttca tcttcatcgg gtgcctgtcg 60
 gtcacacagaa tgggacggac actgggctgc tgcagacggc cctggccccac gggctggctt 120
 tggggctcgt gattgccacg ctgggggaata tcagtgggtg acacttcaac cctgcgggtg 180
 cctgggcagc catgctgacg ggaggcctca acctggtgat gctcctcccg tactgggtct 240
 cacagctgct cgggggggatg ctccggggctg ccttggccaa ggcgggtgagt octgaggaga 300
 ggctctggaa tgcactggg g 321

<210> 2363
 <211> 386
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(386)

<223> n = A,T,C or G

<400> 2363

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gccttcaatt ttggggctcc ctcgggcacc tccggtaccg ctgcagccac cgcggccccc      120
gcggatcata tctgaagata ttagtgagct acaaaagaat caaactacat ctgtagccaa      180
aattgcacaa tacaagagga aactcatgga tctttcccat agaactttac aggtcctaata      240
caaacaggaa attcaaagga agagtgggta tgccattcag gctgatgaag agcagttgcg      300
agttcagctg gatacgattc aggggtgaact aaatgcacct actcagttca agggccgact      360
aatgaattg atgtctcaaa tcagggg                                     386
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<210> 2364

<211> 381

<212> DNA

<213> Homo sapiens

<400> 2364

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ggcagcaggg taagaagagc tgtcgcattha cccaggcatc gtggatggcc ccgcagccct      60
ggatagcttc ccagagacag tgccccagc accagggccc tatggaccgc accggccttc      120
ccagaccctg cccccaggct tggacagcga cggctctgaag agggagaagg atgagatcta      180
tggacaccgc ctcttcccc ttttggccct ggtctttgag aaatgtgaac ctggctacat      240
gctctccccg tgacgggggc ggagctgggc tggggacacc ccctggagga gatgtctgct      300
cctctgatta cttcaacgag gacatcgctg cctttgccaa gcaggtccgc tctgagaggc      360
ccctcttctt cttcaaccca g                                     381
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<210> 2365

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2365

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cggttgctgtc ggcagattct gcagccatca aacatccagc agcagcaaag cctgcagccg      60
ccaccaccac caccacagcc gcaccttggc gtgagctcag cagccagcgg ccacctgggc      120
cggagcttcc tgagtggaga gccagaccag gcagacgtgc agccactggg ccccagcagc      180
ctggcggtgc acactattct gccccaggag agccccgccc tgcccacgtc gctgccatcc      240
tcgctggggc caccggggac cgcagcccag ttcctgacgc ccccctcgca gcacagctac      300
tgctcgctg tggaacaacac ccccagccac cagctacagg tgccctgagca cccctttctc      360
accccgctcc ctgagtcctc tg                                     382
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<210> 2366

<211> 319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(319)

<223> n = A,T,C or G

<400> 2366

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gcaagtttgg gcacgagttt ctggagttcg aatttcggcc ggacggaaaag cttagatatg      120
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ccaacaacag	caattacaaa	aatgatgtga	tgatcagaaa	agaggcttat	gtgcacaaga	180
gtgtaatgga	agaactgaag	agaattattg	atgacagtga	aattacaaaa	gaagatgatg	240
ctttgtggcc	tccccctgat	aggggttgcc	gacaggagct	tgaaattgta	attggagatg	300
agcacatata	ttttaccan					319

<210> 2367
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 2367						
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aagtttgggc	acgagtttct	ggagttcgaa	tttcggccgg	acggaaagct	tatatatgcc	180
aacaacagca	attacaaaaa	tgatgtgatg	atcagaaaaag	aggcttatgt	gcacaagagt	240
gtaatggaag	aactgaagag	aattattgat	gacagtgaag	ttacaaaaga	agatgatgct	300
ttgtggcctc	cccctgatag	ggttggccga	caggagcttg	aaattgtaat	tggagatgag	360
cacatatctt	ttaccacatc	aaaaaataag	ttctctt			397

<210> 2368
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 2368						
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cccggagctg	ctcactccgt	gcggtccggc	ggagtacatg	gccccggagg	tagaggaggc	120
cttcaacgag	gaggctagca	tctacgacaa	gcgctgcgac	ctgtggagcc	tgggcgtcat	180
cttgatatc	ctactcagcg	gctacccgcc	cttcgtgggc	cgctgtggca	gcgactgcgg	240
atgggaccgc	ggcgaggcct	gccctgcctg	ccaaacatgc	tgtttgagag	cattcaagag	300
ggcaagtacg	aagttccccg	acaggactgg	gccacatct	tctgcgctgc	caagacctca	360
tattcaagct	gttggtcggg	accccccaaca	gaggctgtat	gccgcg		406

<210> 2369
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 2369						
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atgatgtttc	agcttctccg	aggtctggac	tttcttcatt	cacaccgagt	agtgcacgcg	120
gatctaaaac	cacagaacat	tctggtgacc	agcagcggac	aaataaaact	cgctgacttc	180
ggccttggcc	gcatctatag	tttcagatg	gctctaacct	cagtggctcg	cacgctgtgg	240
tacagagcac	ccgaagtctt	gctccagtcc	agctacgccca	cccccgagg	tctctggagt	300
gttggctgca	tatttgcaga	aatgtttcgt	agaaagcctc	tttttcgtgg	aagttcagat	360
gttgatcaac	taggaaaaaa	cttgagcgtg	attggactcc	cagg		404

<210> 2370
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 2370						
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gaagaaaact	atttgcacac	gacagatttc	tagatacttt	ttgctgctag	ttttatgtaa	120
tatttattga	acattttgac	aaatatattat	ttttgtaagc	ctaaaagtga	ttctttgaaa	180
gtttaaagaa	acttgaccaa	aagacagtac	aaaaaactg	gcacttgaat	gttgaatgct	240

accgtatgcg	tgaaattata	tatttcgggg	tagtgtgagc	ttttaatggt	taagtcatat	300
taaactctta	agtc aaatta	agcagacccg	gcgttggcag	tgtagccata	actttctgat	360
gttagtaaaa	acaaaattgg	cgacttgaaa	ttaa atcatg	ccaaggtttt	gatacact	418

<210> 2371
 <211> 400
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 2371						
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gcacttgaca	gtattgaggt	catttggtat	ggagctat t	caattagtct	agg ttttaggc	120
ccttgtagat	tttgcccata	actttttaca	aagtacttct	tttattgcac	attcagagaa	180
ttttatata	atgtccttg	tgcggtgctc	taaacttcca	atcttacttt	gtctcttgga	240
gattgttgaa	cgcagcttgt	ctaggaagg	gatgggacta	gattctaaaa	tttatttggg	300
accatgggaa	tgatagttgg	gaagaaaact	atttgcacac	gacagatttc	tagatacttt	360
ctgctgctag	ntttatgtga	tattttattga	acattttgag			400

<210> 2372
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 2372						
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tggtgctatt	tcaattagtc	taggttttagg	cccttgtaga	ttttgcccac	aactttttac	120
aaagtacttc	ttttattgca	cattcagaga	attttatata	tatgtcttgt	gtgcgtgtcc	180
ttaaacttcc	aatcttactt	tgtctcttgg	agattgttga	acgcagcttg	tctaggaagg	240
ggatgggact	agattctaaa	attttatttgg	gaccatggga	atgatagttg	ggaagaaaac	300
tatttgcaca	cgacagattt	ctagataactt	tttgcgtgcta	gttttatgta	atattttattg	360
aacattttga	caaataattta	ttttt				385

<210> 2373
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 2373						
cggtgctgtc	gatccccctg	gcccaggatc	atgaggatga	gaatgaagaa	ggtggtgagg	60
tcccctgggc	ccgcctgaa	ggatcagagg	cagcagagga	ggcagcccc	agtgaccgca	120
tgccgtcagc	ccggcccccc	tcgccgccac	tgtcaagctg	ggagcgggtg	tcacggctca	180
tggaggagga	ccctgccttc	cgctcgtggtc	gtcttgcgtg	gctcaagcag	gagcagctac	240
ggctgcaggg	actgcagggc	tctggggggc	ggggcggggg	gctgcgcagg	ccccagccc	300
gctttgtgcc	ccctcacgac	tgcaagctac	gcttccccct	caagagcaac	ccccagcacc	360
gggagtcttg	gccag					375

<210> 2374
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 2374

cggttgcgtgc	ggaggtcccc	tgggccccgc	ctgaaggatc	agaggcagca	gaggaggcag	60
ccccagtgga	ccgcatgccg	tcagcccggc	ccccctcgcc	gccactgtca	agctgggagc	120
gggtgtcacg	gctcatggag	gaggaccctg	ccttccgtcg	tggtcgtctt	cgctggctca	180
agcaggagca	gctacggctg	cagggaactgc	agggctctgg	gggccggggc	ggggggctgc	240
gcaggccccc	agcccgtttt	gtgccccctc	acgactgcaa	gctacgcttc	cccttcaaga	300
gcaacccccca	acaccgggag	tcttgggccag	ggatggggag	cggggagggt	ccaactccgg	360
tccaaccccc	tgaggaggcg					380

<210> 2375

<211> 373

<212> DNA

<213> Homo sapiens

<400> 2375

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cctgccttcc	gtcgtggctg	tcttcgctgg	ctcaagcagg	agcagctacg	gctgcaggga	120
ctgcagggtc	ctggggggccg	gggcgggggg	ctgcgcaggc	ccccagccc	ctttgtgccc	180
cctcacgact	gcaagctacg	cttccccctc	aagagcaacc	cccagcaccg	ggagtcttgg	240
ccagggatgg	ggagcgggga	ggctccaaact	ccgctccaac	cccctgagga	ggctactccc	300
catccagcca	cccctgcccc	ccggcctccg	agtccccgaa	ggtcccacca	tccccgcagg	360
aactccctgg	atg					373

<210> 2376

<211> 310

<212> DNA

<213> Homo sapiens

<400> 2376

attacagtac	agaagaaagt	gagtcagtgg	tgggagagac	tcacaaagca	ggaaaagcga	60
ccactgtttt	tggctcctga	ctttgatcgt	tggctggatg	aatctgatgc	ggaaatggag	120
ctcagagcta	aggaagaaga	gcgcctaaat	aaactccgac	tggaaagcga	aggctctcct	180
gaaactctta	caaactttaag	gaaaggatac	ctgtttatgt	ataatcttgt	gcaattcttg	240
tgattctcct	ggatctttgt	caacctgact	gtgcgattct	gtatcttggg	aaaagagtcc	300
ttttatgaca						310

<210> 2377

<211> 426

<212> DNA

<213> Homo sapiens

<400> 2377

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gagcagctac	ggctgcaggg	actgcagggc	tctggggggc	ggggcggggg	gctgcgcagg	120
ccccagccc	gctttgtgcc	ccctcacgac	tgcaagctac	gcttcccctt	caagagcaac	180
ccccagcacc	gggagtcttg	gccagggatg	gggagcgggg	aggctccaac	tccgctccaa	240
ccccctgagg	aggctactcc	ccatccagcc	acccctgccc	gccggcctcc	gagtccccga	300
aggctcccacc	atccccgcag	gaactccctg	gatggagggg	gccgatccc	gtgaaggggt	360
tctgcacagc	ctgaaccccc	gcacttccag	cccaaaaagc	acaactctta	tccccagcca	420
ccccat						426

<210> 2378

<211> 354

<212> DNA

<213> Homo sapiens

<400> 2378

ggacacatca	gccaaggag	tactagaggc	acaaatatgc	cagctacctt	tggaattttg	60
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gcagggggat	acgatggcca	atattatgga	tatcttttga	gtgaagtatt	ttccatggat	120
atgtttttaca	gctgttttta	aaaagaaggg	ataatgaatc	cggaggttgg	aatgaaatac	180
agaaacctaa	tcctgaaacc	tgggggatct	ctggacggga	tggacatgct	ccacaatttc	240
ttgaaacgtg	aggccaacca	aaaagcggtc	ctaataagta	gaggcctgct	tgctcccgga	300
actggggaac	tttgggagcc	gggcatgtct	ggaggaatag	tcgaaatccc	catg	354

<210> 2379

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(450)

<223> n = A,T,C or G

<400> 2379

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gccgaagcgg	tctacgtgtg	agataacacg	acagaggggg	agcccatgga	gtactaaagg	120
cacaaatatg	ccagctacct	ttggacattt	ggcaggggga	tacgatggcc	aatattatgg	180
atatcttttg	agtgaagtat	tttccatgga	tatgtttttac	agctgtttta	aaaaagaagg	240
gataatgaat	ccggaggttg	gaatgaaata	cagaaaccta	atcctgaaac	ctgggggatc	300
tctggacggc	atggacatgc	tccacaattt	cttgaaacgt	gagccaaacc	aaaaagcgtt	360
cctaatagag	agaggcctgc	atgctccgtg	aactggggat	ctttggtagc	cgtccatgtc	420
tggaggacaa	gtcgacatca	ccatgtgttt				450

<210> 2380

<211> 418

<212> DNA

<213> Homo sapiens

<400> 2380

catcgattcg	aattccgttg	ctgtcgccca	cctctactgt	ttgaaaaaat	acatcggtga	60
tttcctaata	gaaaatgggt	caataacttc	tatccggagt	gaactgattc	catatttagt	120
gagaaaaacg	ttttcctcag	cttcctcaca	acagggacaa	gaagaaaaag	aggaggatct	180
aaagaaaaag	gagctgaagt	ccttagatat	ctacagtttt	ataaaaagaag	ccaatacact	240
gaacctggct	ccctatgatg	cctgctggaa	tgccctgtcg	ggagacaggt	gggaagactt	300
gtccagatca	caggtgcgct	gctatgtcca	catcatgaaa	gaggggctct	gctctcgagt	360
gagcacactg	ggactctaca	tggaagcaaa	cagacaggtg	cccaaattgc	tgtctgct	418

<210> 2381

<211> 408

<212> DNA

<213> Homo sapiens

<400> 2381

cgttgctgtc	ggaaatcaac	tgtaagtgtc	taaagacatt	gtctgtctct	gaggatagaa	60
gtatctgcct	gcagccaaga	cttcattttg	atggcaaata	cattgtctgt	agttcagcac	120
ttggtctcta	ccagtgggac	tttgccagtt	atgatattct	cagggtcac	aagactcctg	180
agatagcaaa	cttggccttg	cttggctttg	gagatatctt	tgccctgctg	tttgacaacc	240
gctacctgta	catcatggac	ttgaggacag	agagcctgat	tagtcgctgg	cctctgccag	300
agtacaggaa	atcaaagaga	ggctcaagct	tccctggcag	cgaagcatcc	tggctgaatg	360
gactggatgg	gcacaatgac	acgggcttgg	tctttgccac	cagcatgg		408

<210> 2382

<211> 382

<212> DNA

<213> Homo sapiens

<400> 2382

cgttgctgtc	gccggagccg	aaacaccggt	aggagcgggg	agggtgggtac	tacacaaccg	60
tctccagcaa	tgaccaatga	agctggagct	cctcggctta	tgataactca	tattgtaaac	120
cagaacttca	aatcctatgc	tggggagaaa	attctgggac	ctttccataa	gcgcttttcc	180
tgtattatcg	ggccaaatgg	cagtggcaaa	tccaatgtta	ttgattctat	gctttttgtg	240
tttggctatc	gagcacaaaa	aataagatct	aaaaaactct	cagtattaat	acataattct	300
gatgaacaca	aggacattca	gagttgtaca	gtagaagttc	attttcaaaa	gataattgat	360
aaggaagggg	atgattatga	ag				382

<210> 2383

<211> 326

<212> DNA

<213> Homo sapiens

<400> 2383

gagtacagct	ctctggaaca	tgagagtgca	aggggtgtga	ttgagtgttt	gaagattgtc	60
acacgagcca	agtctcagcg	gattgcaaag	ttcgcctttg	actatgccac	caagaagggg	120
cggggcaagg	tactgctgt	ccacaaggcc	aacatcatga	aacttgggga	tgggttggtc	180
ctgcagtgtc	gtgagggaag	tgtgaactg	taccccaaaa	tcaaatttga	gacaatgac	240
atagacaact	gctgcatgca	gctgggtgcag	aatccttacc	agtttgatgt	gcttgtgatg	300
cccaatctct	atgggaacat	tattga				326

<210> 2384

<211> 404

<212> DNA

<213> Homo sapiens

<400> 2384

cgttgctgtc	ggaggtgacc	aagcaattag	agggtgataac	agcccaagac	actgtaatta	60
aagctaaata	tgcagaagtg	gcaaaacaca	aggagcaaaa	caatgattct	cagcttaaaa	120
ttaaggaatt	agaccacaac	atcagcaaac	ataaacggga	ggctgaagat	ggtgctgcaa	180
aggtatccaa	aatgttgaaa	gattatgact	ggattaatgc	agagagacac	ctctttggcc	240
aaccacaatg	tgcctatgat	ttcaaaacta	acaaccctaa	agaagctggt	cagagacttc	300
agaagtttga	agaaatgaag	gagaaaactag	gaagaaatgt	caatatgaga	gctatgaatg	360
tattgacaga	agctgaagag	cgataacaatg	acttgatgaa	gaaa		404

<210> 2385

<211> 388

<212> DNA

<213> Homo sapiens

<400> 2385

cgttgctgtc	gctttgtgac	aacagtttag	gacttatctc	tgagaatctg	gaaacatggg	60
gaatgtgtc	aaactatccg	acttocagct	cagtctatat	ggtgctgctg	tgtgctcgac	120
aatggtgaca	ttgtggttgt	gatggcatta	ttagagtgtc	tacagaatca	gaagatcgaa	180
cagcaagtgc	tgaagaaatc	aaggcttttg	aaaaagaact	gtctcacgca	accattgatt	240
ctaaaaactgg	cgatttaggg	gacatcaatg	ctgagcagct	tcctggggagg	gaacatctta	300
atgaacctgg	tactagagaa	ggacagactc	gtctaatacag	agatgggggag	aaagtcgaag	360
cctatcagtg	gagtgttagt	gaaggggag				388

<210> 2386

<211> 391

<212> DNA

<213> Homo sapiens

<400> 2386
 cggttgctgtc gaaaatttgt taaccacagaa gatggttgcca gactgatatt tagtaaaatg 60
 aaagaaacgg cacattctgt attggggtca gatgcaaag atgtagtat tactgtcccg 120
 tttgattttg gagaaaagca aaaaaatgct cttggagaag cagctagagc tgctggattt 180
 aatgttttgc gattaattca cgaaccgtct gcagctcttc ttgcttatgg aattggacaa 240
 gactccccta ctggaaaaag caatatattg gtgtttaagc ttggaggaaac atccttatct 300
 ctcagcgtca tggaagttaa cagtggaaata tategggttc tttcaacaaa cactgatgat 360
 aacatcggtg gtgcacattt cacagaaacc t 391

<210> 2387

<211> 340

<212> DNA

<213> Homo sapiens

<400> 2387
 gagtacagct ctctggaaca tgagagtgcagggggtgtga ttgagtgttt gaagattgtc 60
 acacgagcca agtctcagcg gattgcaaag ttgcctttg actatgccac caagaagggg 120
 cggggcaagg tcaactgctgt ccacaaggcc aacatcatga aacttgggga tgggtgtgtc 180
 ctgcagtgtg gtgaggaagt tgetgaactg taccacaaa tcaaatttga gacaatgatc 240
 atagacaact gctgcatgca gctggtgcaa aatccttacc agtttgatgt gcttgtgatg 300
 cccagtctct atgggaacat tattgacaat ctggctggtg 340

<210> 2388

<211> 411

<212> DNA

<213> Homo sapiens

<400> 2388
 cggttgctgtc ggattctgaa aagttaattc ctgtaccaat ggtgggtttt aaggaacttc 60
 tccgaagact gaagggtcaa gatcagatga ctaagcagca tcaaaccaga ttagatatca 120
 tatctgaaga tattagttag ctacaaaaga atcaaaactac atctgtagcc aaaattgcac 180
 aatacaagag gaaactcatg gatctttccc atagaacttt acaggtccta atcaaacagg 240
 aaattcaaag gaagagtggg tatgccattc aggtgatga agagcagttg cgagttcagc 300
 tggatacgat tcagggtgaa ctaaattgcac ctactcagtt caagggccga ctaaattgaat 360
 tgatgtctca aatcaggatg cagaatcatt ttggagcagt cagatctgaa g 411

<210> 2389

<211> 442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(442)

<223> n = A,T,C or G

<400> 2389
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 tggatggtct ggagttcaag gttgccttaa gaaataacctg gaaagaaaac ctaactgaac 120
 ttagtggttg tcagaggtct ttagtggtct tgctattaat actgtccatg cttctcttca 180
 aacctgctcc aatttatatc cttgatgagg tagatgcagc cttggatctt tctcataccc 240
 aaaacattgg acagatgctg cgtactcatt tcacacattc tcagttcatt gtggtgtcac 300
 taaaagaagg tatgttcaac aatgcaaagc ttcttttcaa aaccaagttt gtggatggtg 360
 tttctacagt agccagattt actcaatgtc aaaatggaaa gatttcatag gaagcanaan 420
 ccaaggcaga accaccana gg 442

<210> 2390

<211> 408
 <212> DNA
 <213> Homo sapiens

<400> 2390
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 cttgcaccac cagaggggtca aactgttttg gatggctctgg agttcaaggt tgccttagga 120
 aatacctgga aagaaaaacct aactgaactt agtgggtggtc agaggtcttt agtggccttg 180
 tcattaatac tgtccatgct tctcttcaaa cctgctccaa tttatatact tgatgaggta 240
 gatgcagcct tggatctttc tcatacccaa aacattggac agatgctgcg tactcatttc 300
 acacattctc agttcattgt ggtgtcacta aaagaaggta tgttcaacaa tgcaaacggt 360
 cttttcaaaa ccaagtttgt ggatggtgtt tctacagtag ccagattt 408

<210> 2391
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 2391
 ctggactgaa atataaacca gtgactaacc aggttgagtgc tcacccatac ctcacacagg 60
 agaaactgat ccagtactgc cactccaagg gcatcacctg taoggcctac agccccctgg 120
 gctctccgga tagaccttgg gccaaagccag aagacccttc cctgctggag gatcccaaga 180
 ttaaggagat tgcctgcaaag cacaaaaaaa ccgcagccca ggttctgata cgtttccata 240
 tccagaggaa tgtgattgtc atccccaagt ctgtgacacc agcacgcatt gttgagaaca 300
 ttcaggtctt tgactttaaa ttgagtgatg aggagatggc aaccatactc agcttt 356

<210> 2392
 <211> 400
 <212> DNA
 <213> Homo sapiens

<400> 2392
 cggttgctgtc ggtccggagt ataggaatat gcagaaatag gatatgatgt ttcagcttct 60
 ccgaggtctg gactttcttc attcacaccg agtagtgcac cgcgatctaa aaccacagaa 120
 cattctgggtg accagcagcg gacaaataaa actcgctgac ttcggccttg ccgcacata 180
 tagtttccag atggctctaa cctcagtggc cgtcacgctg tggtagagag caccgaagt 240
 cttgctccag tccagctacg ccacccccgt ggatctctgg agtgttggct gcatatttgc 300
 agaaatgttt cgtagaaagc ctctttttcg tggaaagtca gatgttgatc aactaggaaa 360
 aatcttgagc gtgattggac tcccaggaga agaagactgg 400

<210> 2393
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 2393
 gcacttccag atcgagaagc tcttgaacaa acctcgactg aaatataaac cagtgactaa 60
 ccaggttgag tgtcacccat acctcagcga ggagaaactg atccagtact gccactccaa 120
 gggcatcacc gttacggcct acagccccct gggctctccg gatagacctt gggccaagcc 180
 agaagaccct tccctgctgg aggatcccaa gattaaggag attgctgcaa agcacaaaaa 240
 aaccgcagcc caggttctga tccgtttcca tatccagagg aatgtgattg tcatccccaa 300
 gtctgtgaca ccagcacgca ttgttgagaa cattcagggtc tttgacttta aattgagtga 360
 tgaa 364

<210> 2394
 <211> 436
 <212> DNA

<213> Homo sapiens

<400> 2394

atcccatcg	a	ttttcaaaag	gacgtaatac	tccactgtgc	gacagctttg	ttttccggaa	60
agttcgaagc		ttgctagggg	gaaatattcg	tctcctgttg	cgtggaggcg	ctccactttc	120
tgcaacacacg		cagegattca	tgaacatatg	tttctgctgt	cctggttggtc	agggatacgg	180
cctcaactgaa		tctgctgggg	ctggaacaat	ttccgaagt	tgggactaca	atactggcag	240
agtgggagca		ccattagttt	gctgtgaaat	caaattataa	aactgggagg	aaggtggata	300
ctttaatact		gataagccac	accccagggg	tgaattctt	attgagggcc	aaagtgtgac	360
aatgggggtac		tacaaaaatg	aagcaaaaac	aaaagctgat	ttctttgaag	atgaacatgg	420
acaaagggtgg		ctctgg					436

<210> 2395

<211> 382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 2395

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ccattgattc	taaaactggc	gatttagggg	acatcaatgc	tgagcagctt	cctggggagg	120
aacatcttaa	tgaacctggt	actagagaag	gacagactcg	tctaatacaga	gatggggaga	180
aagtcgaagc	ctatcagtg	agtgttagtg	aagggagggt	gataaaaatt	ggtgatgttg	240
ttggctcatc	tggtgcta	cagcaaacat	ctggaaaagt	tttatatgaa	gggaaagaat	300
ttgattatgt	tttctcaatt	gatgtcaatg	aaggtggacc	atcatataaa	ttgccatata	360
ataccagtga	tgacccttgg	tn				382

<210> 2396

<211> 429

<212> DNA

<213> Homo sapiens

<400> 2396

tcccatcgat	togaattccg	ttgctgtcga	tgttctagaa	ttaagtgtcg	agcttgtctg	60
tctttctcac	ggatgccgca	ttggttactc	ttcaccacag	acttttagcag	atcagtcttc	120
aaaaattaaa	aaaggaagca	aaggggatac	atccatgttg	aaaccaacac	tgatggcagc	180
agttccggaa	atcatggatc	ggatctacaa	aaatgtcatg	aataaagtca	gtgaaatgag	240
tagttttcaa	cgtaatctgt	ttattctggc	ctataattac	aaaatggaac	agatttcaaa	300
aggacgtaat	actccactgt	gcgacagctt	tgttttccgg	aaagttcgaa	gcttgcctagg	360
gggaaatatt	cgtctcctgt	tgtgtgggtg	cgctccactt	tctgcaacca	cgcagcgatt	420
catgaacat						429